

FIG. 1A

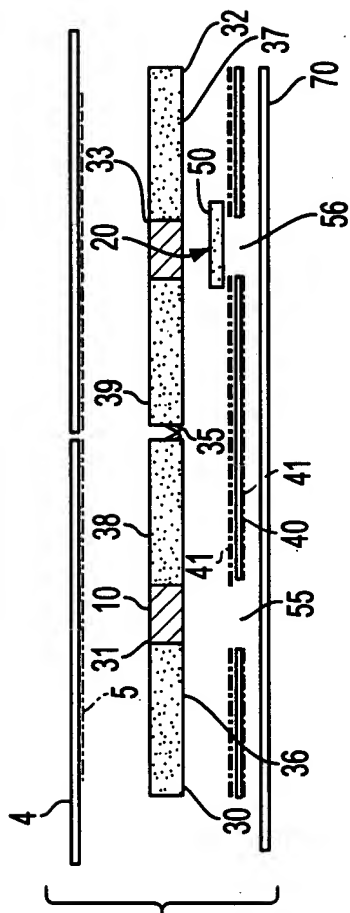


FIG. 1B

KEY	
MYLAR	
ADHESIVE	
PINK FOIL	
CHEMISTRY	
#6	
LINER	
GEL	

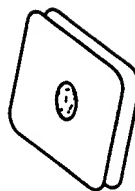


FIG. 1C

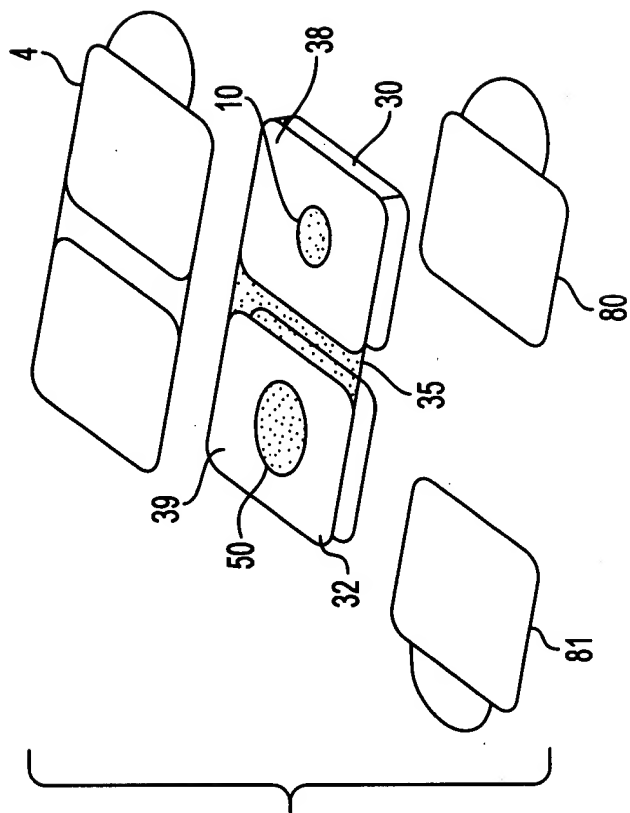


FIG. 2

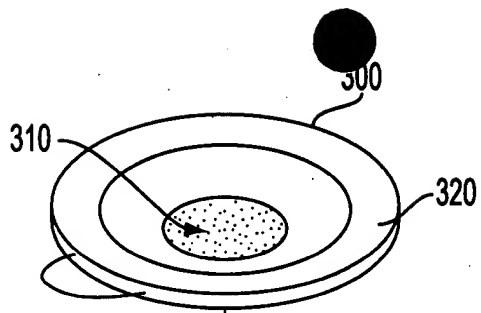


FIG. 3

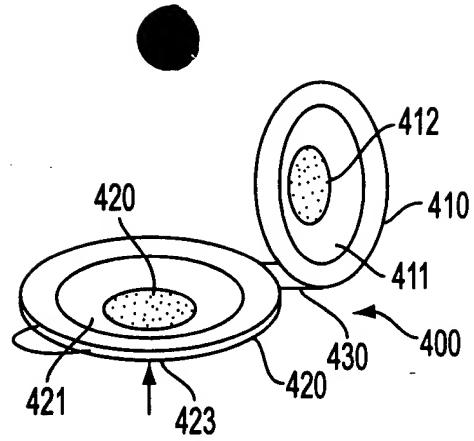


FIG. 4

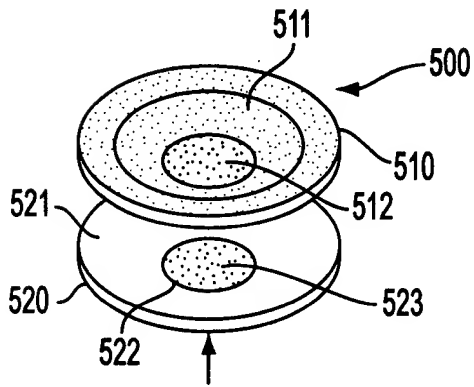


FIG. 5

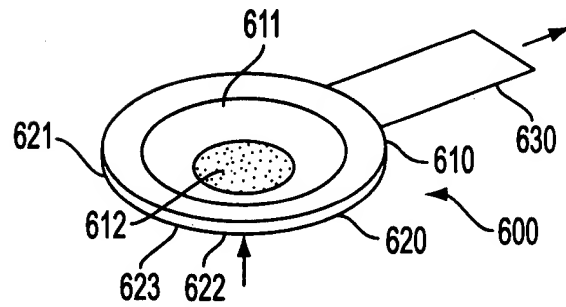


FIG. 6

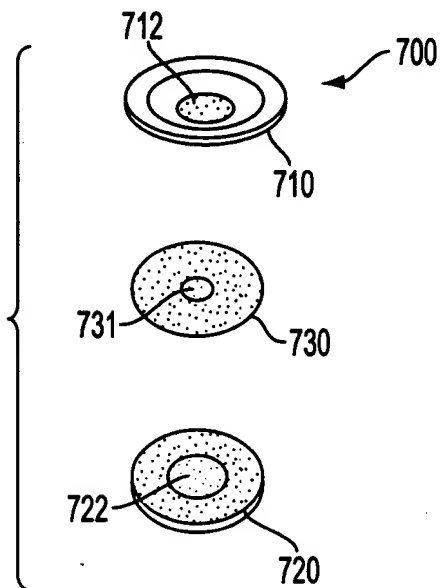


FIG. 7

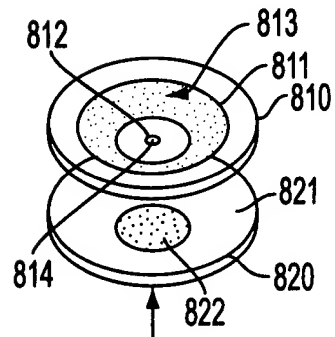
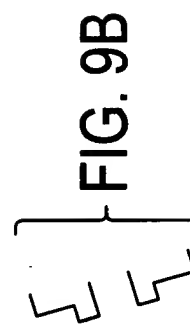
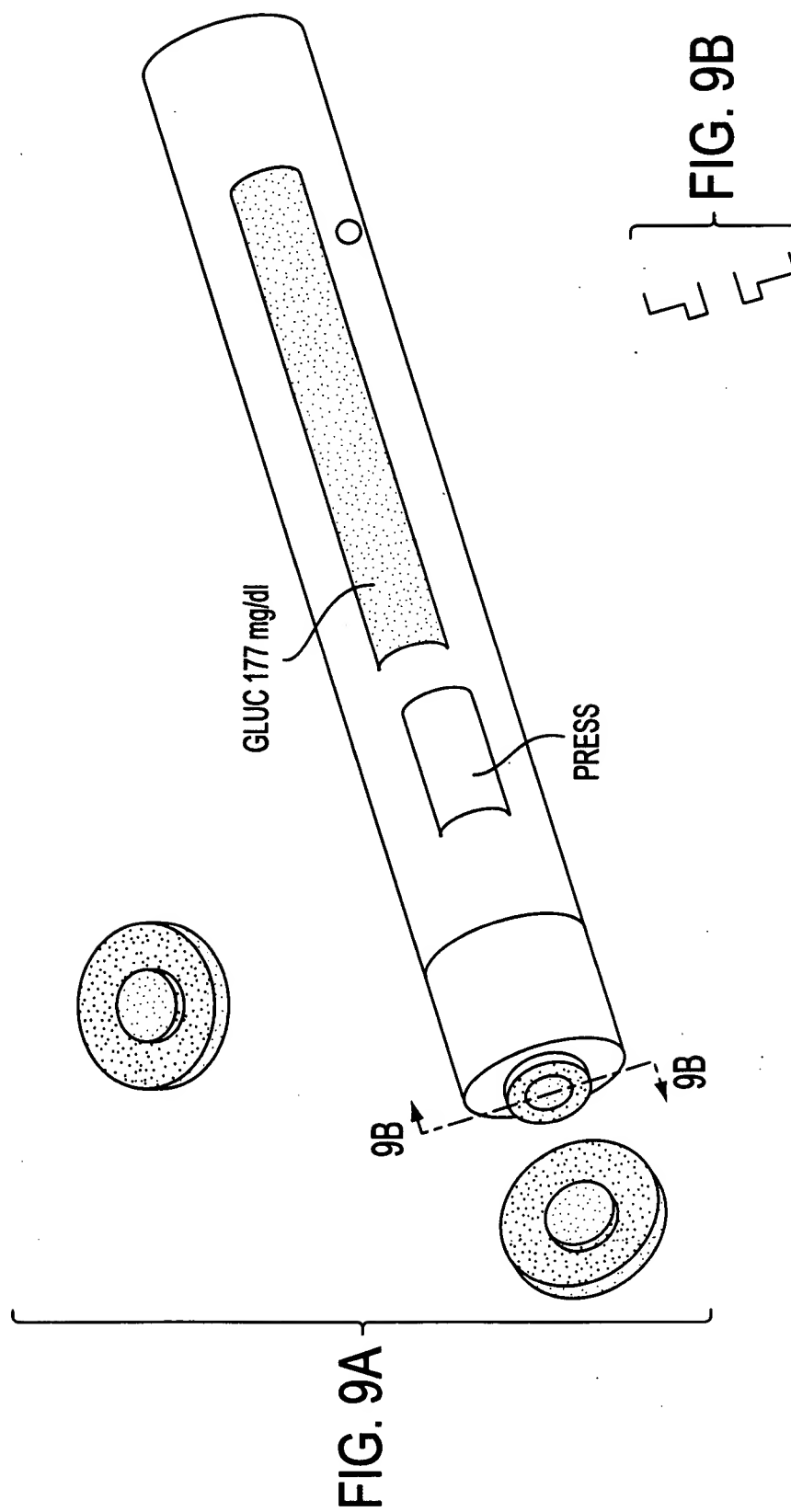


FIG. 8



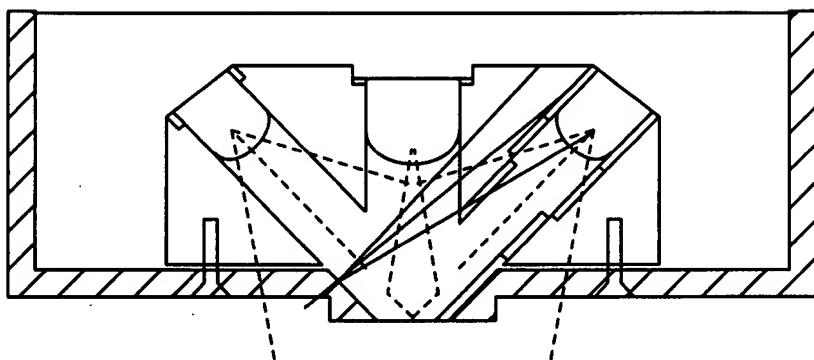


FIG. 10

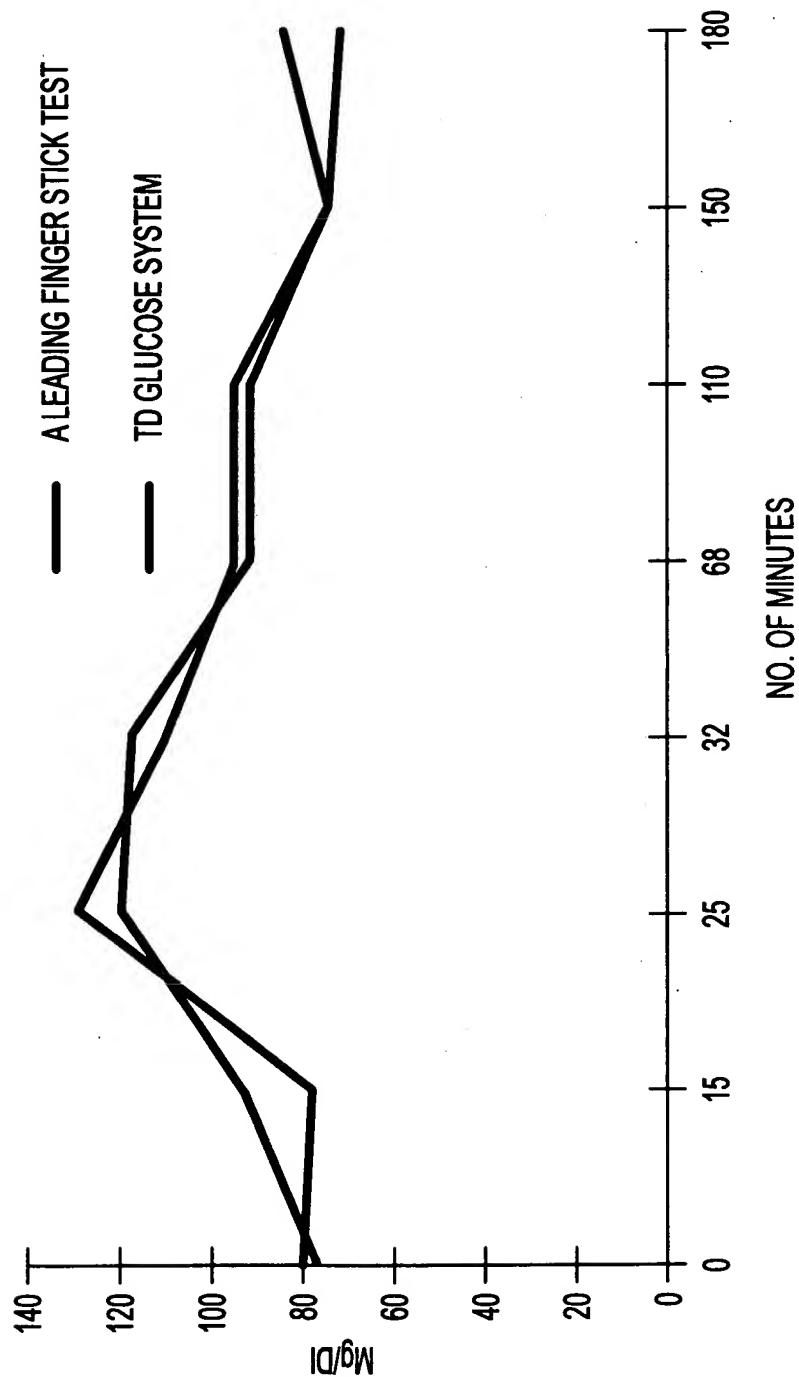
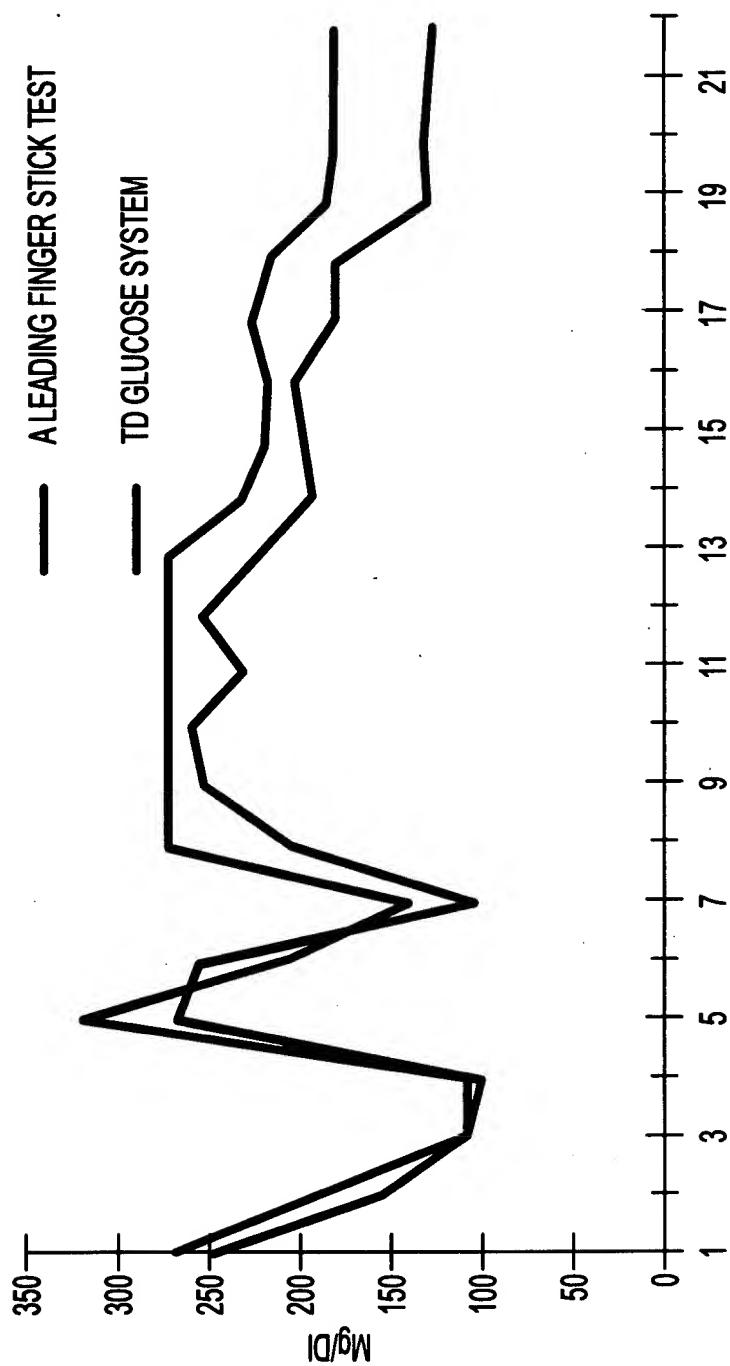


FIG. 11



SAMPLE NO.

FIG. 12

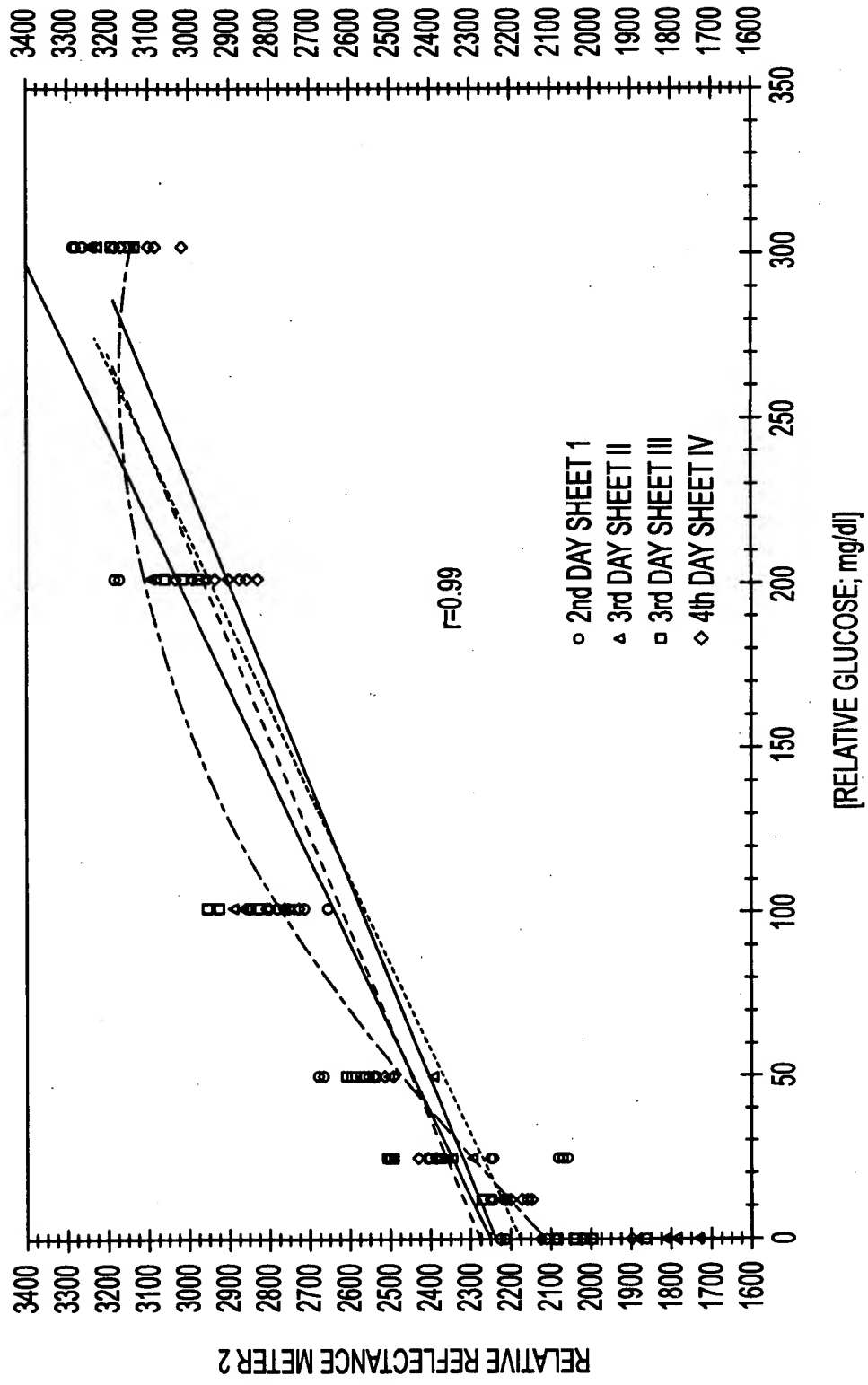


FIG. 13

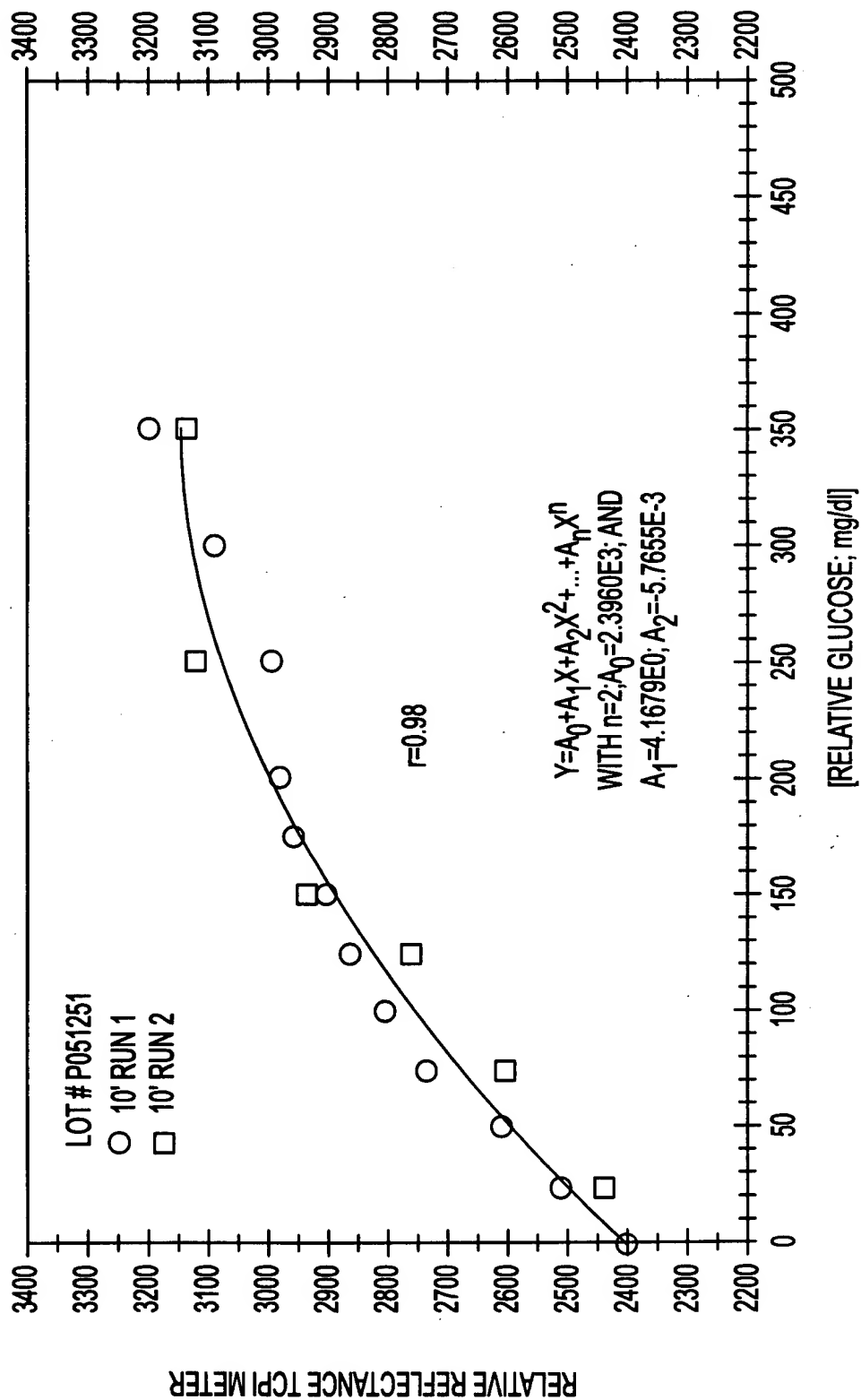


FIG. 14

[GLUCOSE] mg/dl	REFLECTANCE #
0.0	2,025
12.5	1,932
25.0	2,387
50.0	2,508
100.0	2,770
200.0	2,928
300.0	3,137

AVG. OF NINE DETERMINATIONS FOR EACH SAMPLE

4% c.v

$r=0.99$

FIG. 15A

TIME (MIN.) POSTPRANDIAL	BLOOD GLUCOSE STANDARD METHOD	NONINVASIVE GLUCOSE TEST KIT CALCULATED*	REFLECTANCE# NONINVASIVE TEST
0	78	80	2,559
15	94	78	2,544
25	120	130	2,680
32	117	110	2,599
68	92	95	2,547
11	92	95	2,546
150	76	75	2,434
180	73	85	2,520

AVG. OF TWO DETERMINATIONS PER TIME POINT

MALE AGE 53 FASTED 12 HOURS

THEN DRANK 100 GRAMS D-GLUCOSE

* $r=0.94$

FIG. 15B

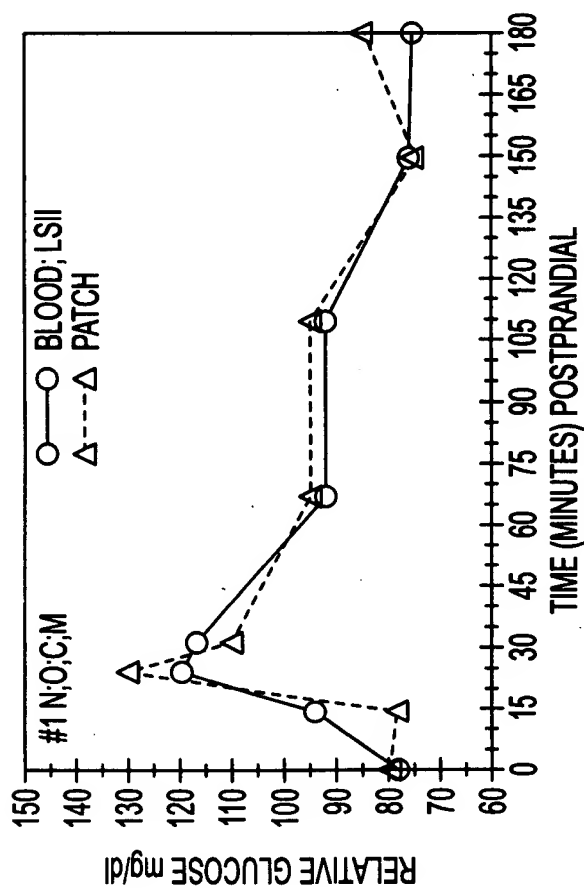


FIG. 16A

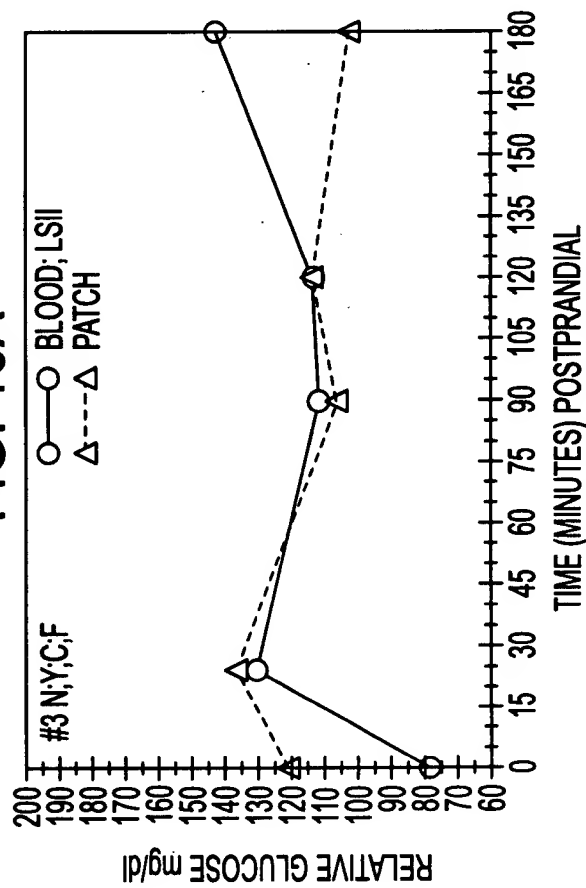


FIG. 16C

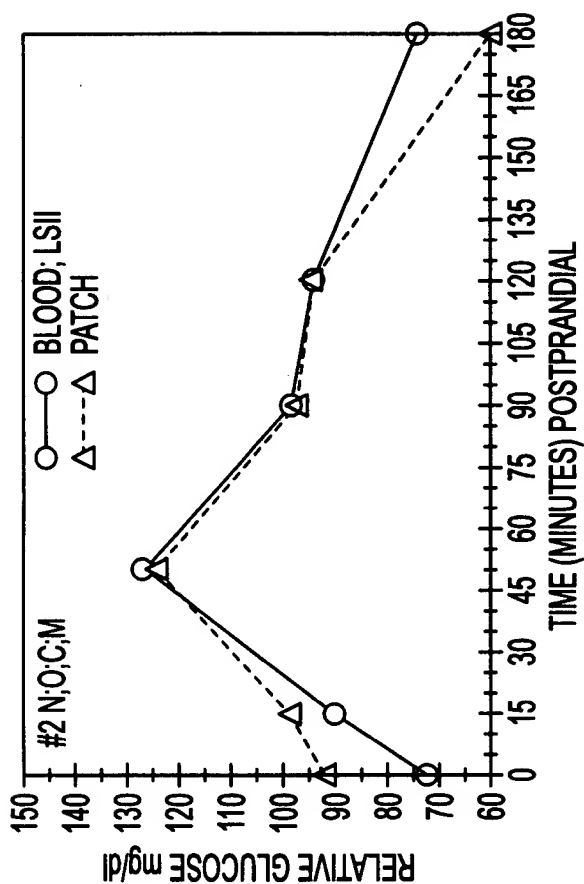


FIG. 16B

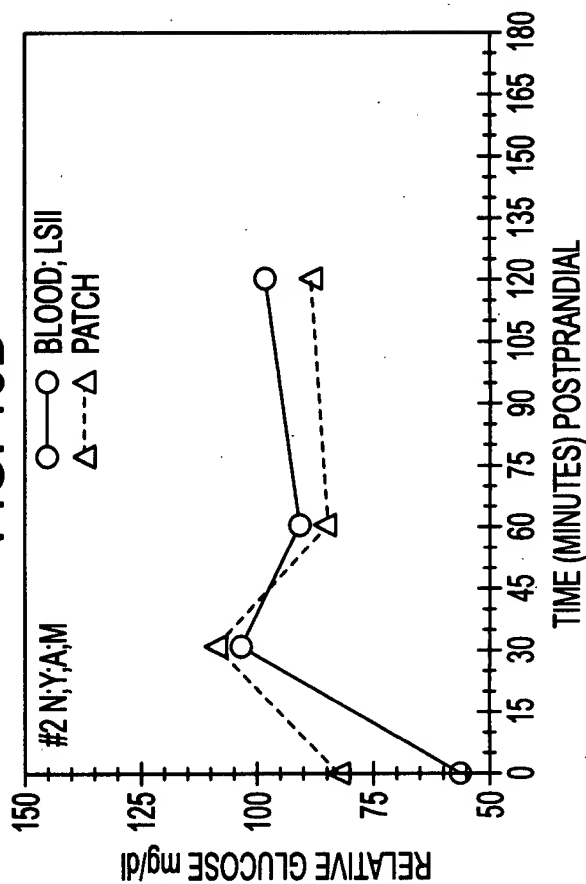


FIG. 16D

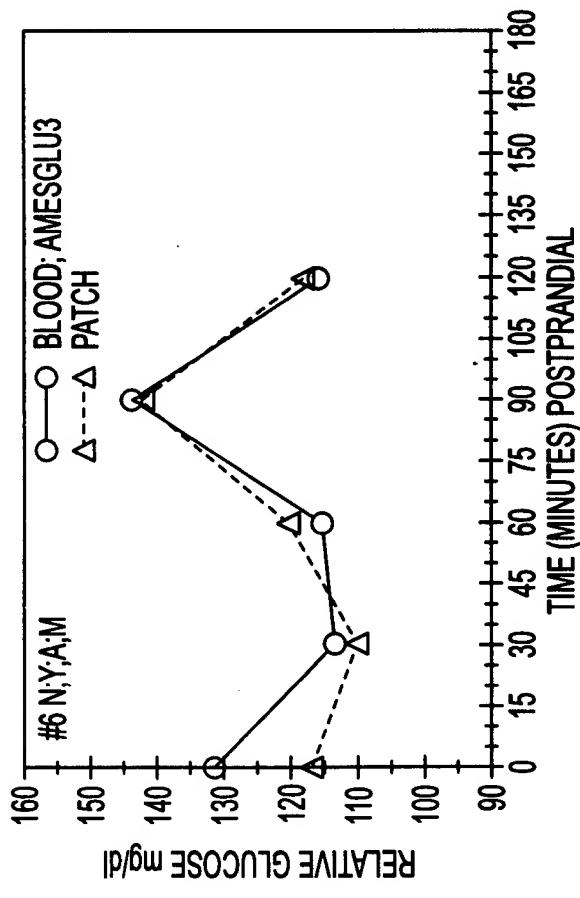


FIG. 17A

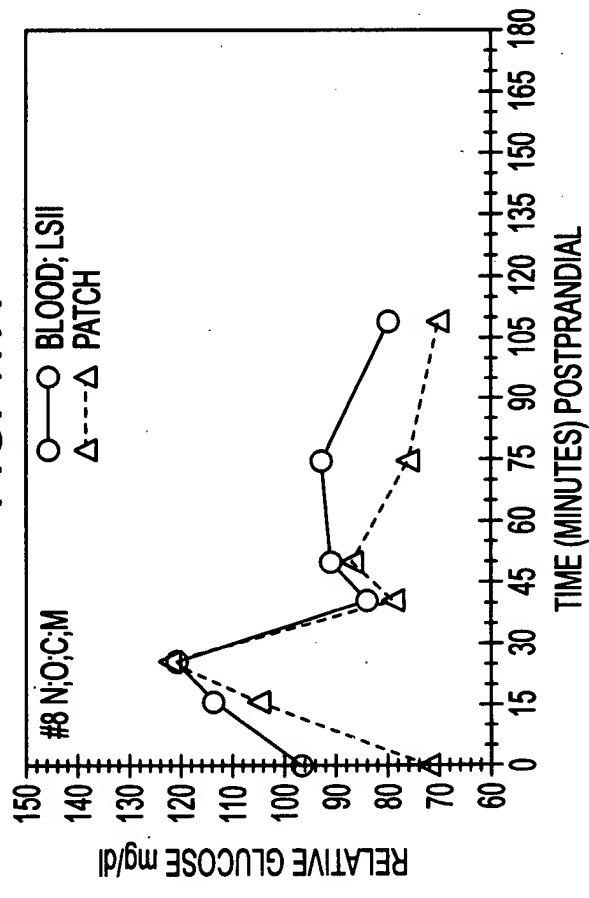


FIG. 17C

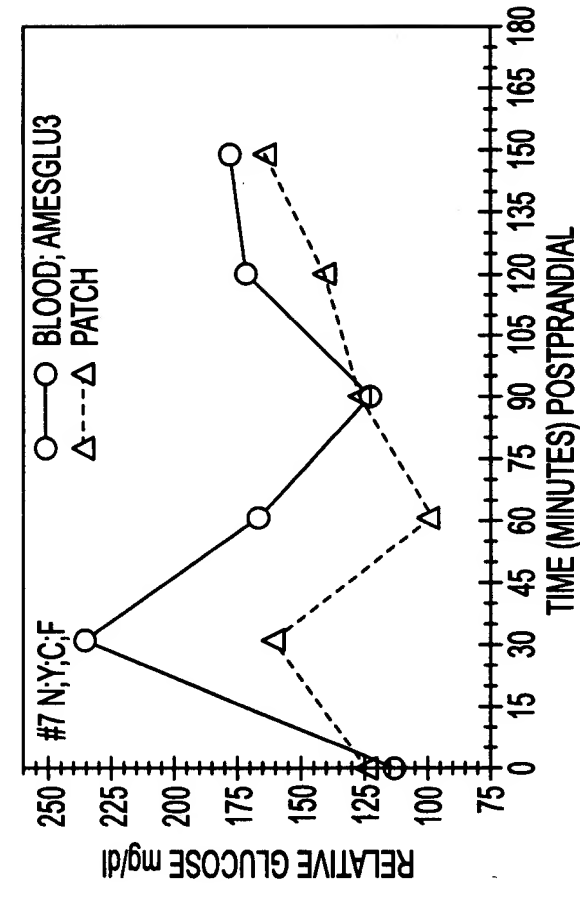


FIG. 17B

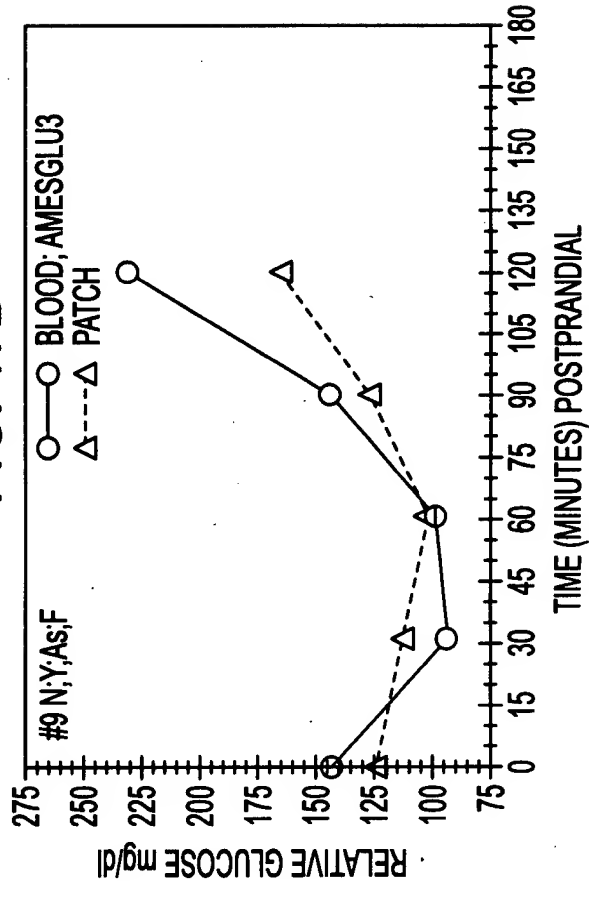


FIG. 17D

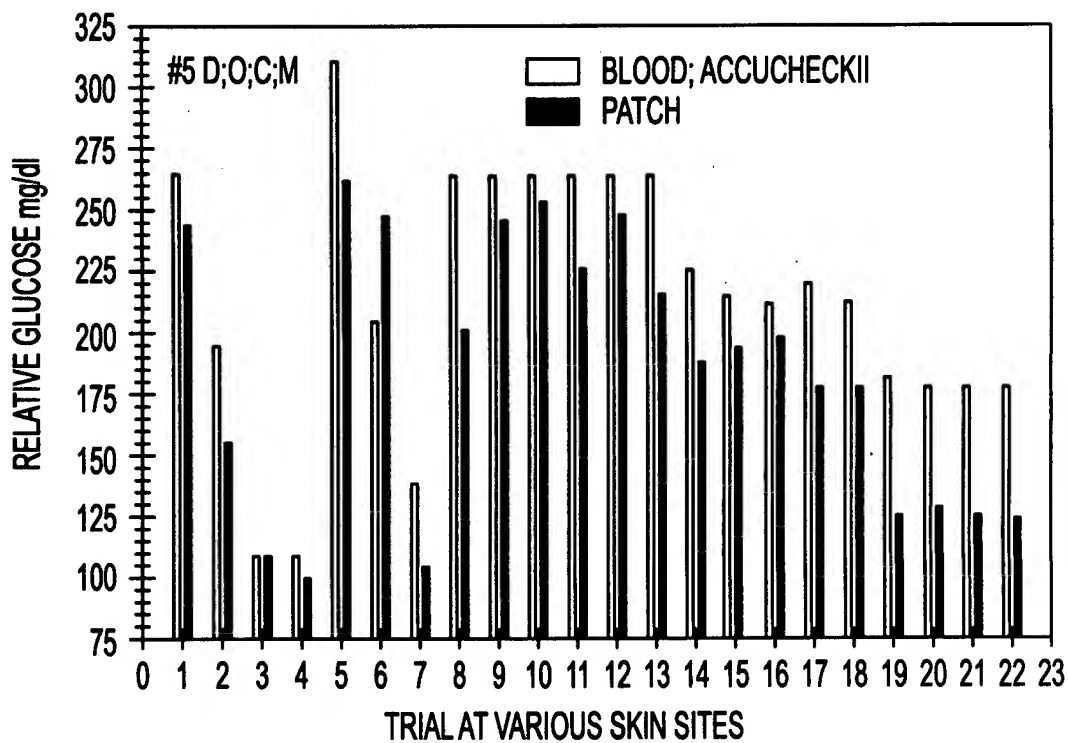


FIG. 18A

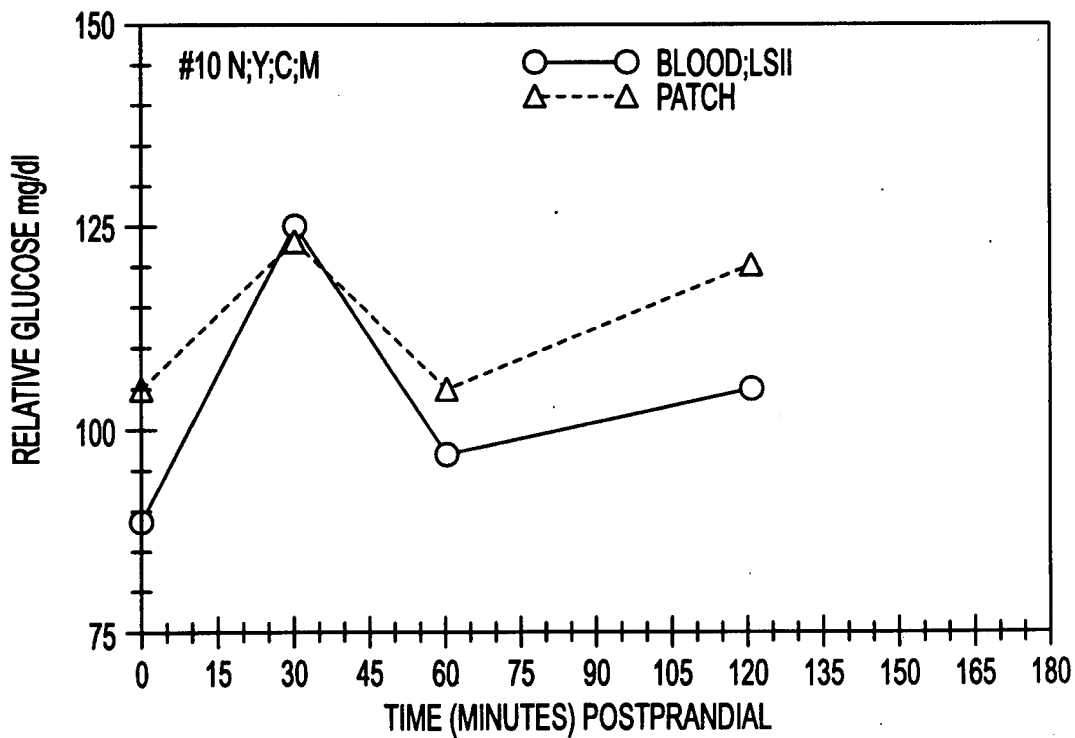


FIG. 18B

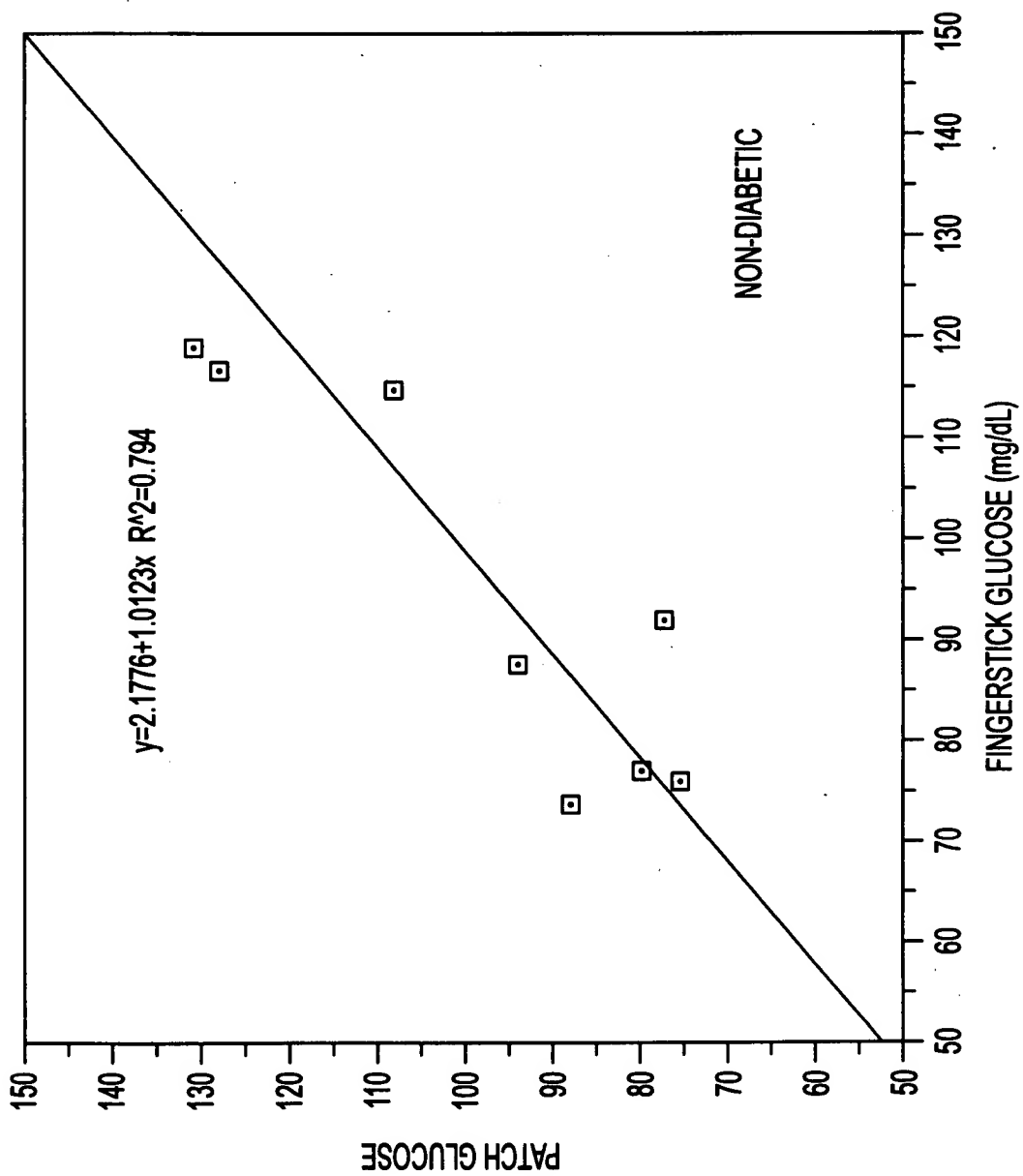


FIG. 19

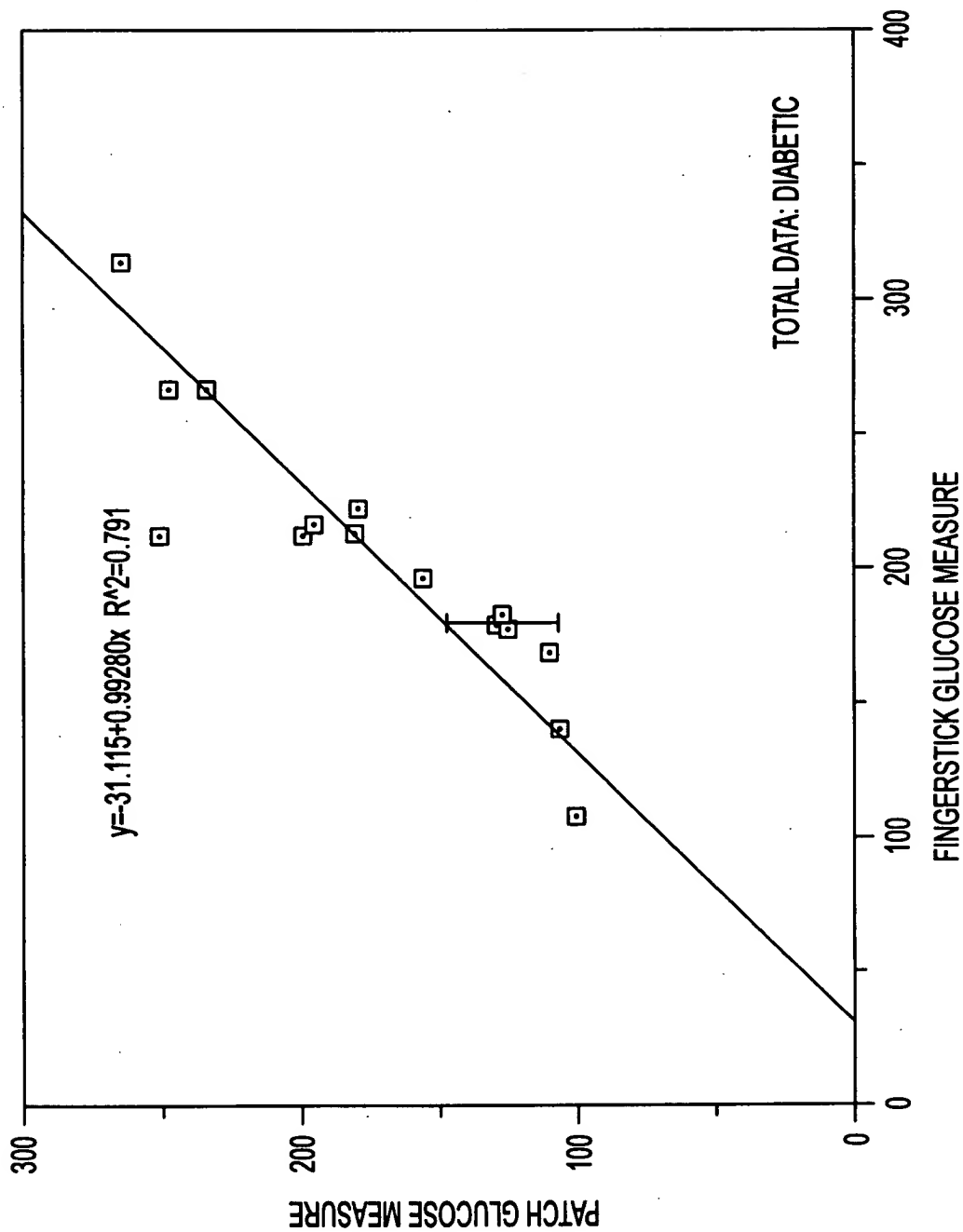


FIG. 20

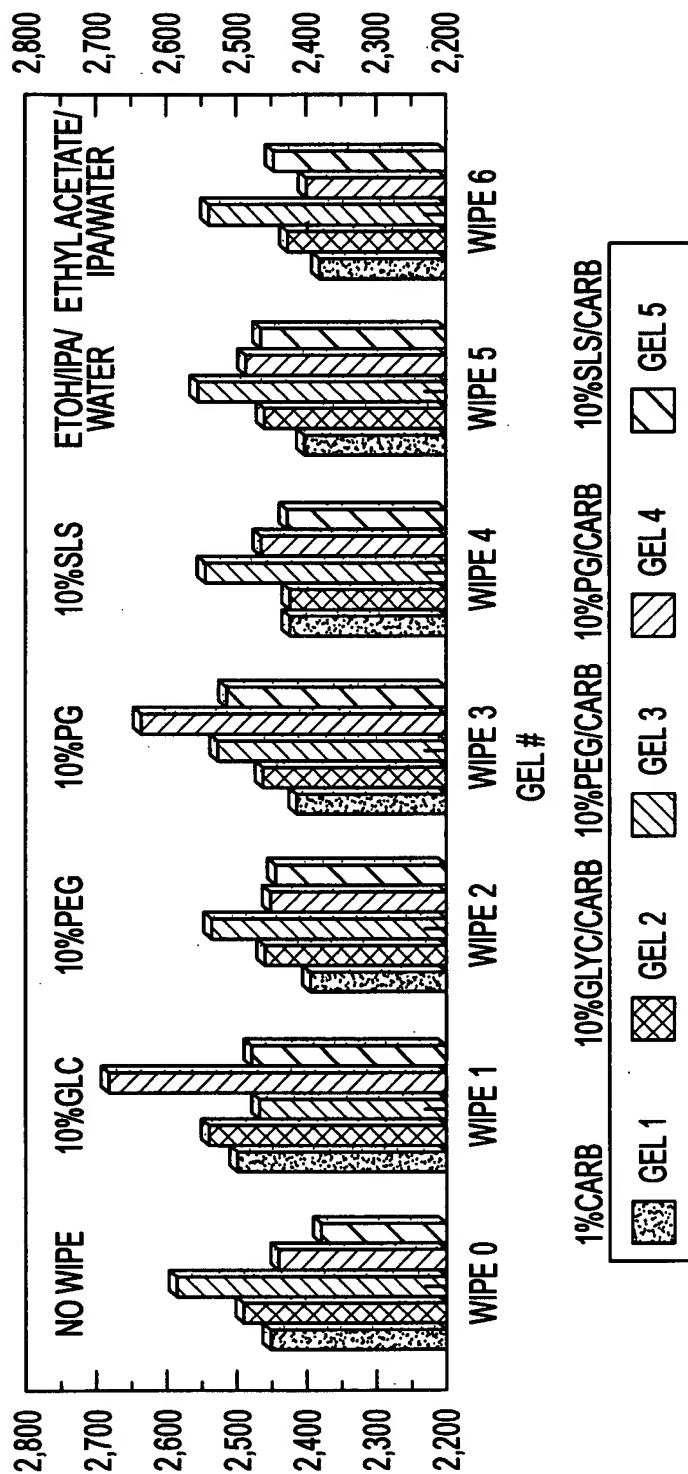
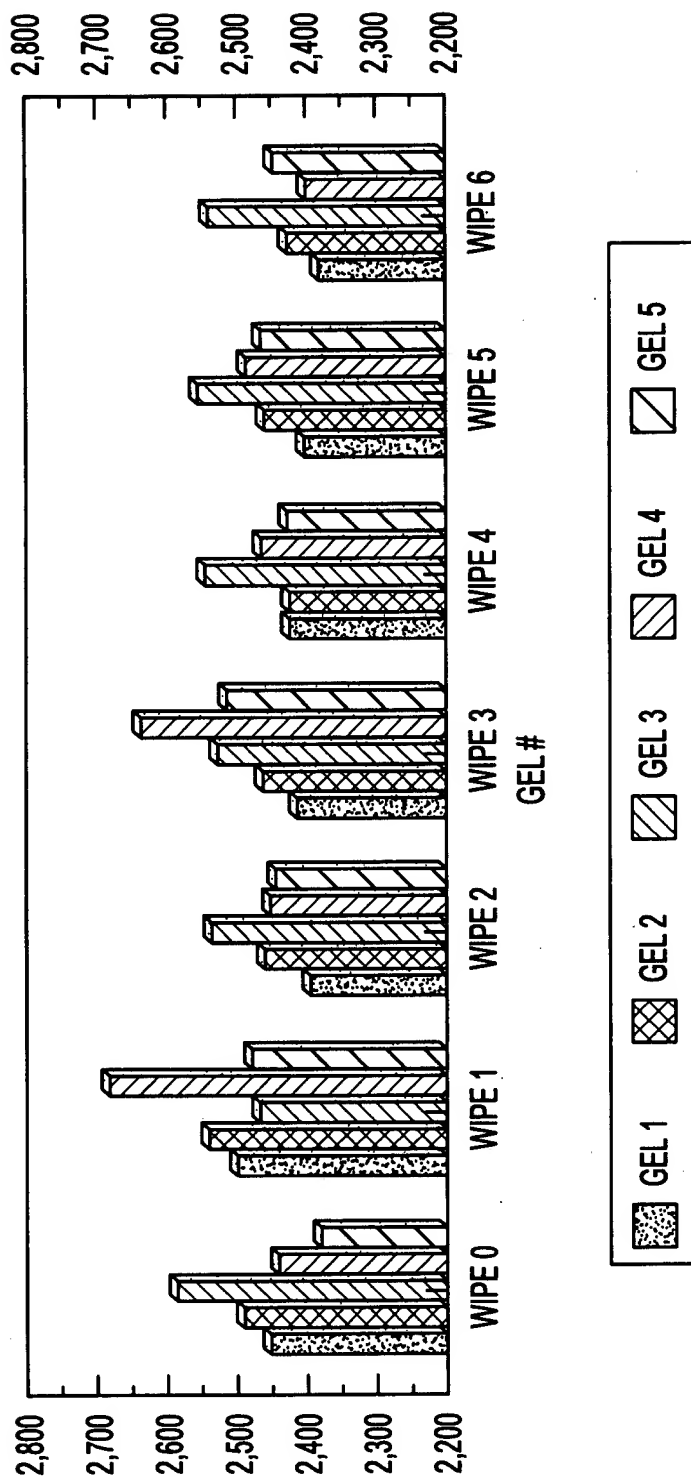
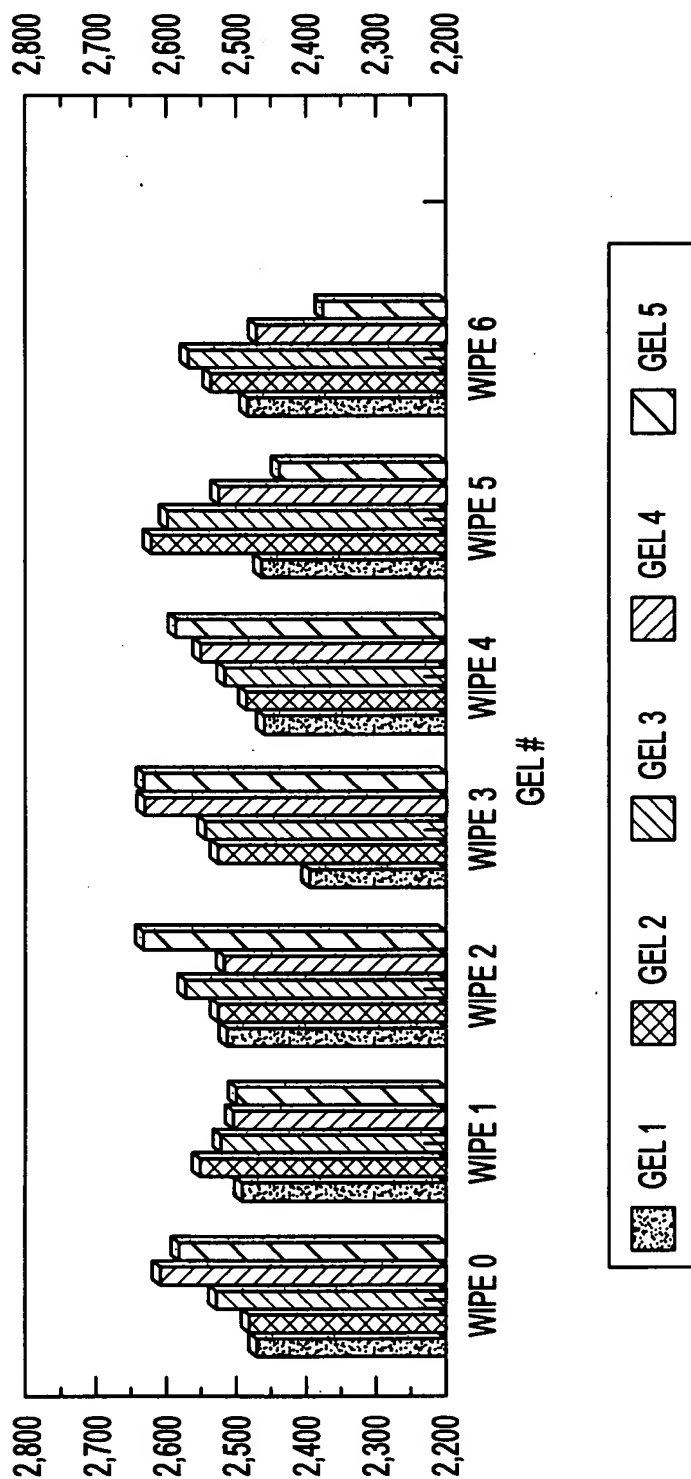


FIG. 21



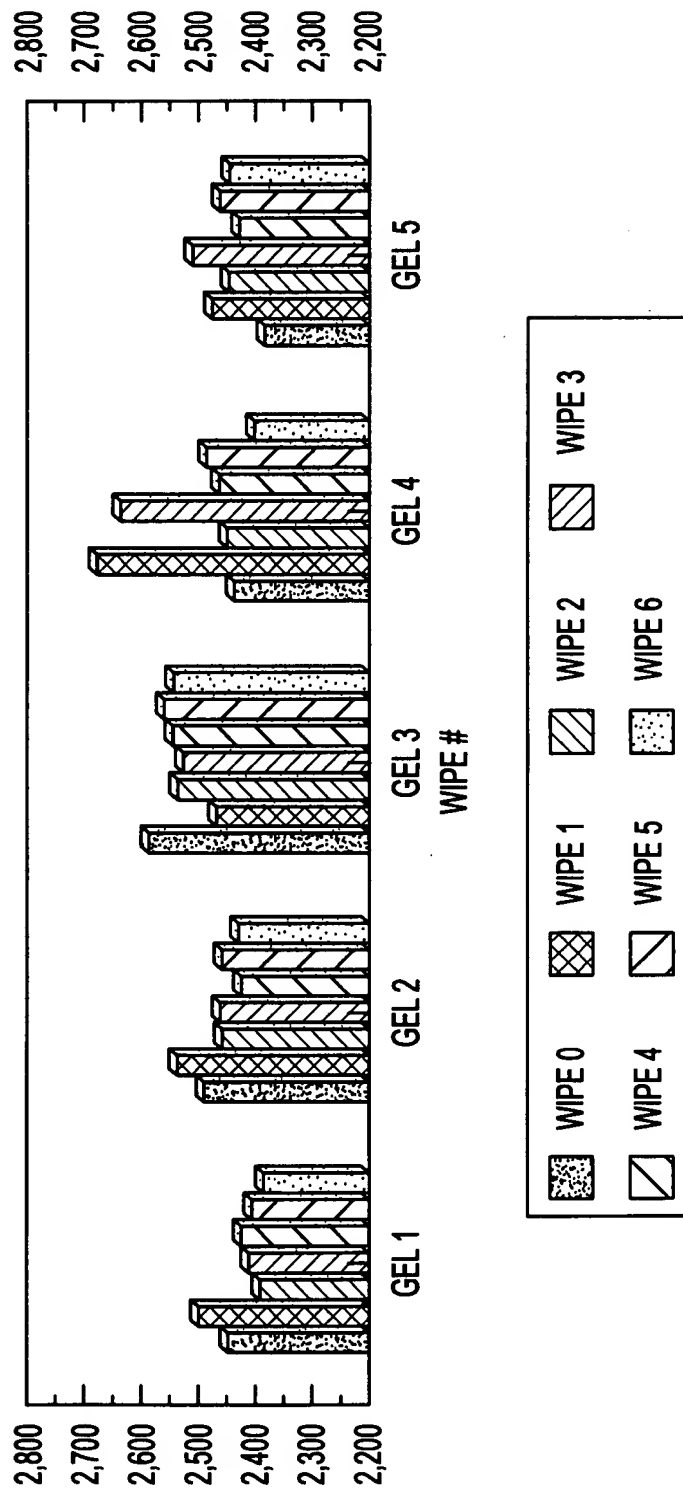
FIVE MINUTES SKIN CONTACT TIME

FIG. 22



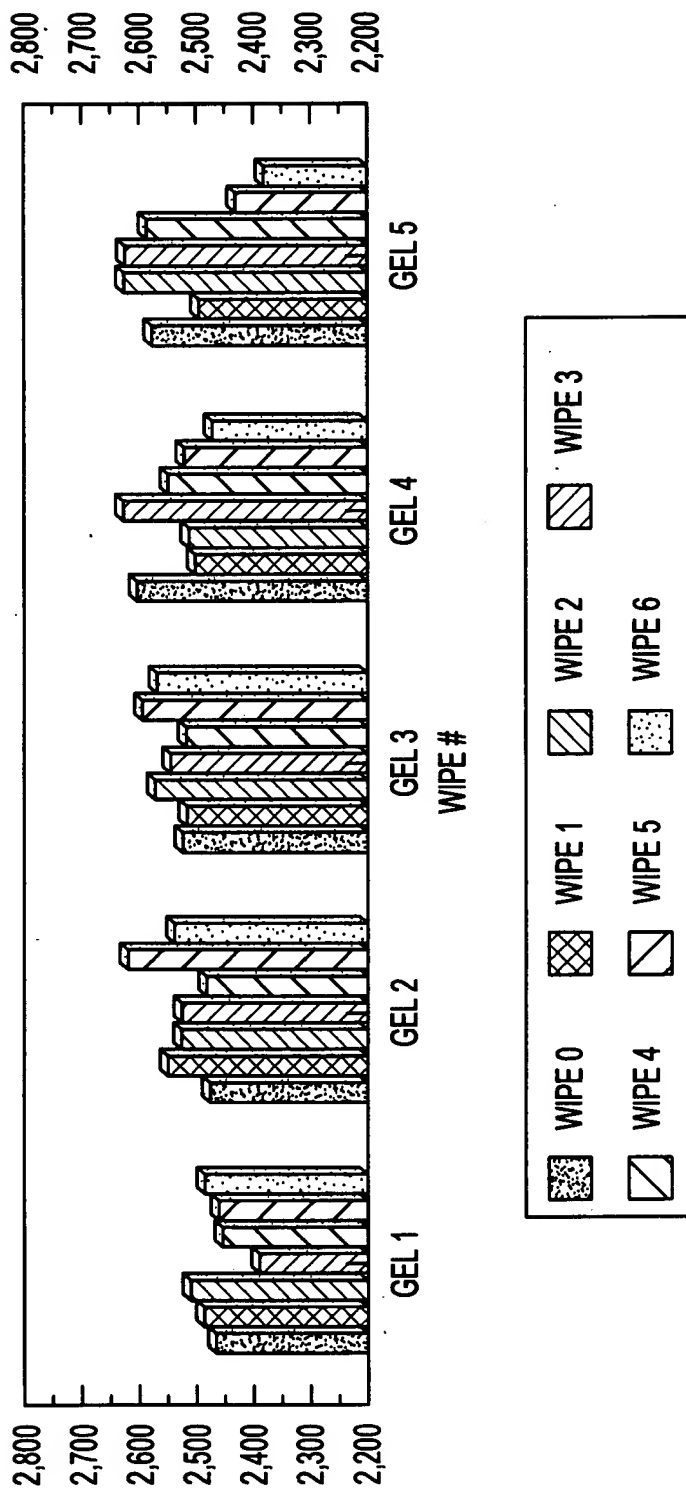
FIVE MINUTES SKIN CONTACT TIME

FIG. 23



FIVE MINUTES SKIN CONTACT TIME

FIG. 24



FIVE MINUTES SKIN CONTACT TIME

FIG. 25

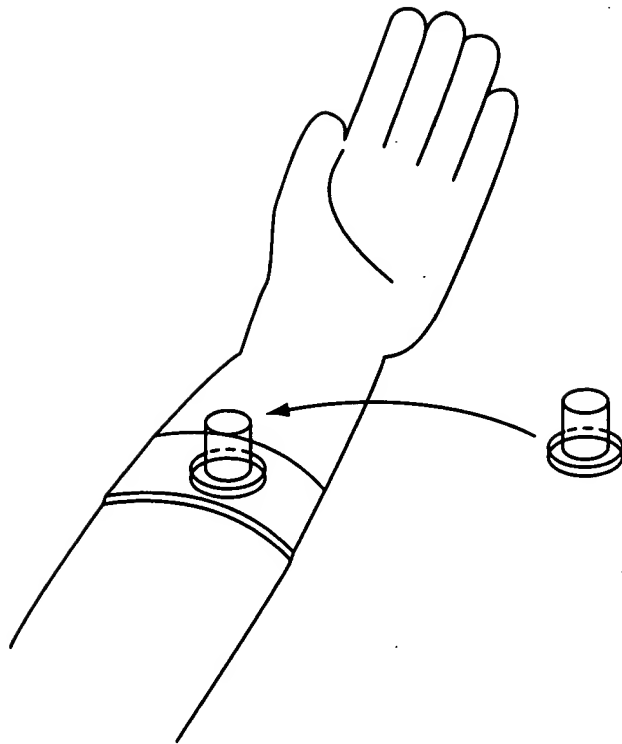


FIG. 26

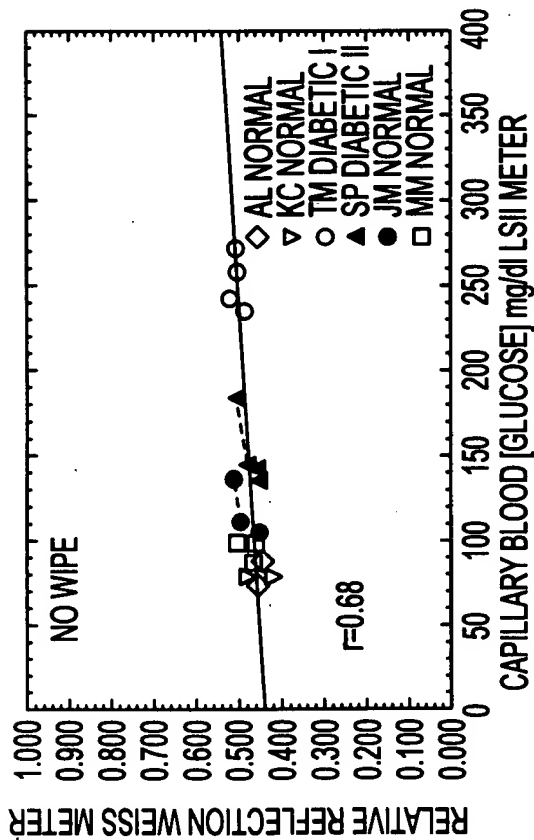


FIG. 27A

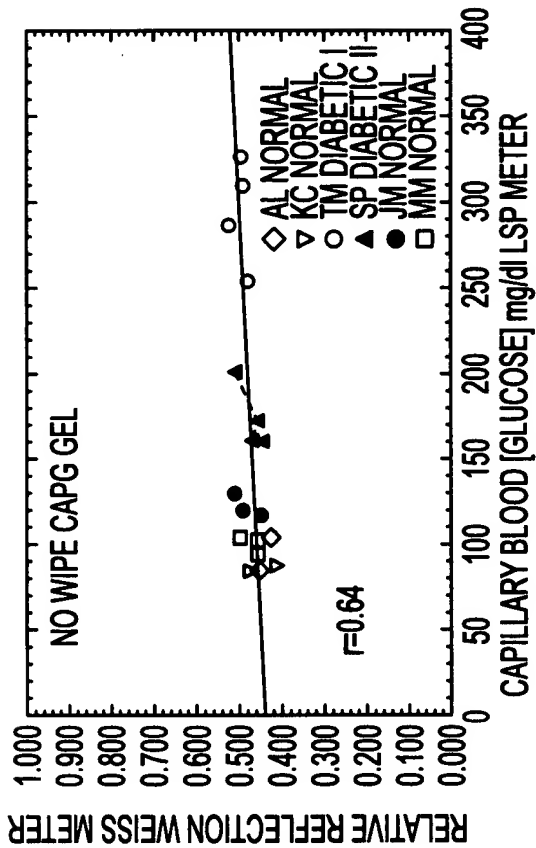


FIG. 27B

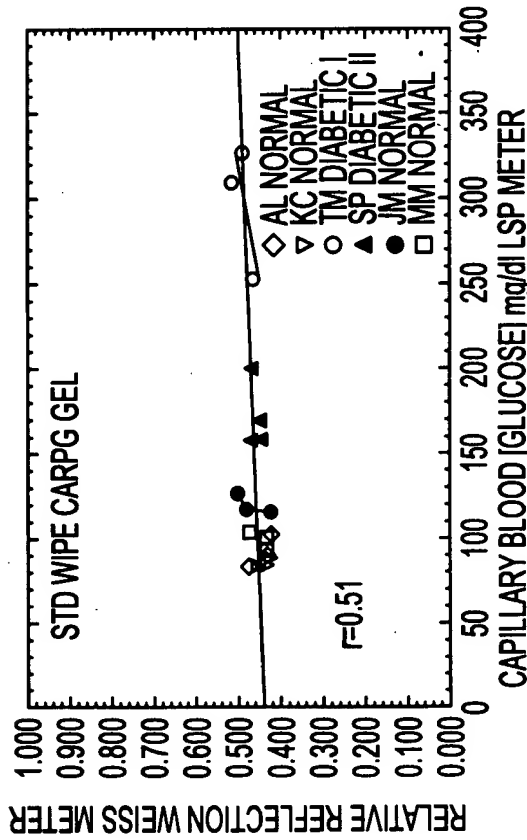


FIG. 27C

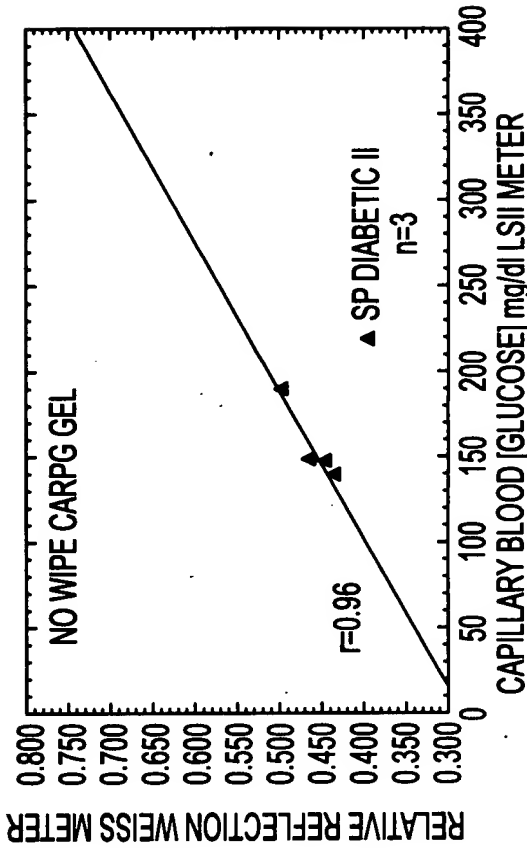


FIG. 27D

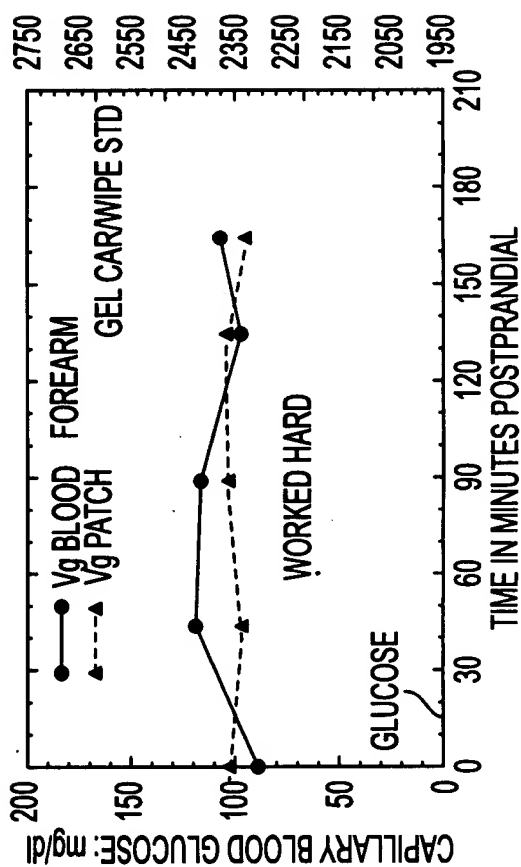
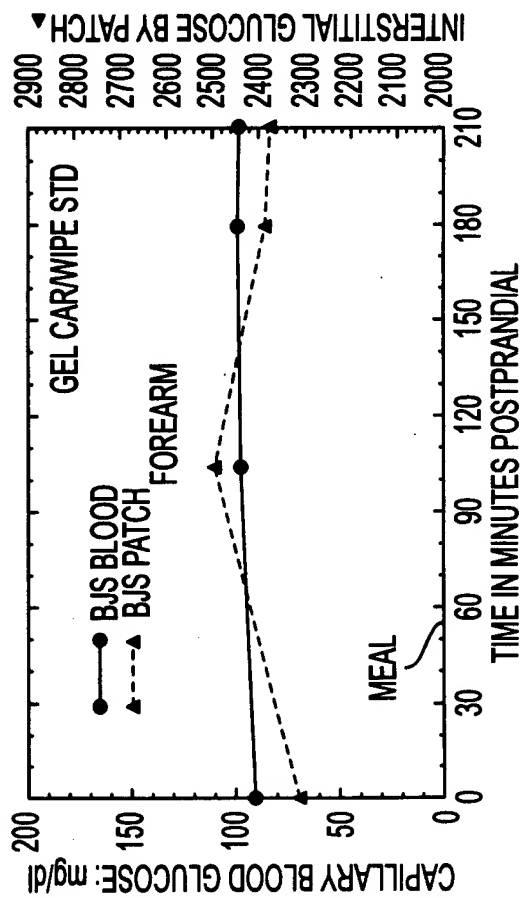
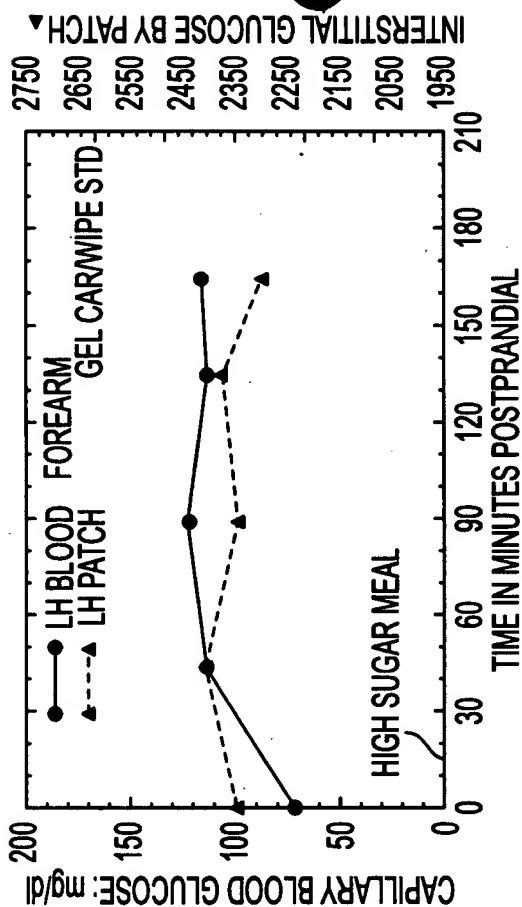
STANDARDS
n=2

[GLUCOSE] mg/dl X 50

MICROGRAMS/cc

[GLUCOSE] mg/dl X 50	MICROGRAMS/cc
0	2050
50	2200
100	2350
200	2550

FIG. 29



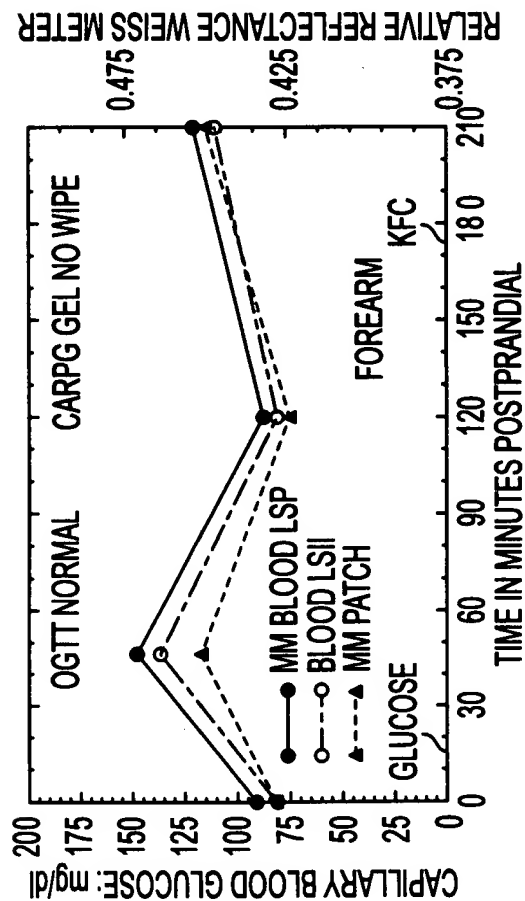


FIG. 34

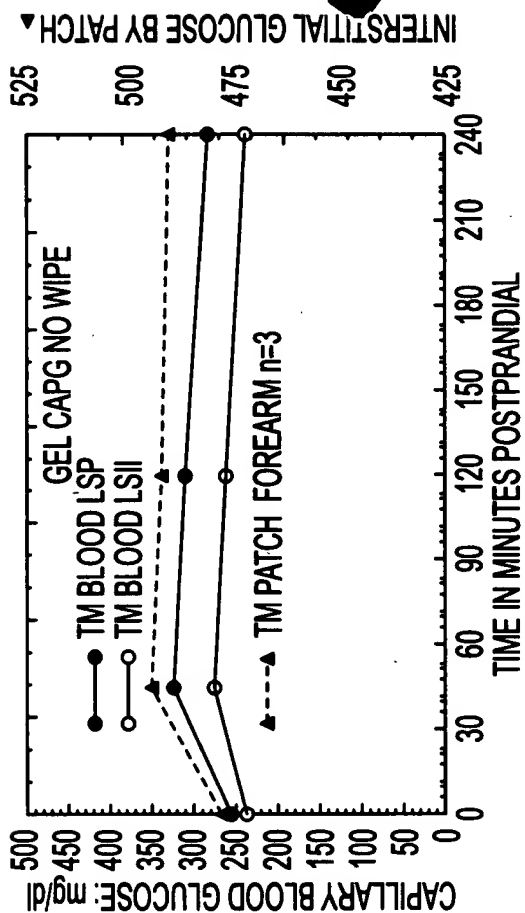


FIG. 35

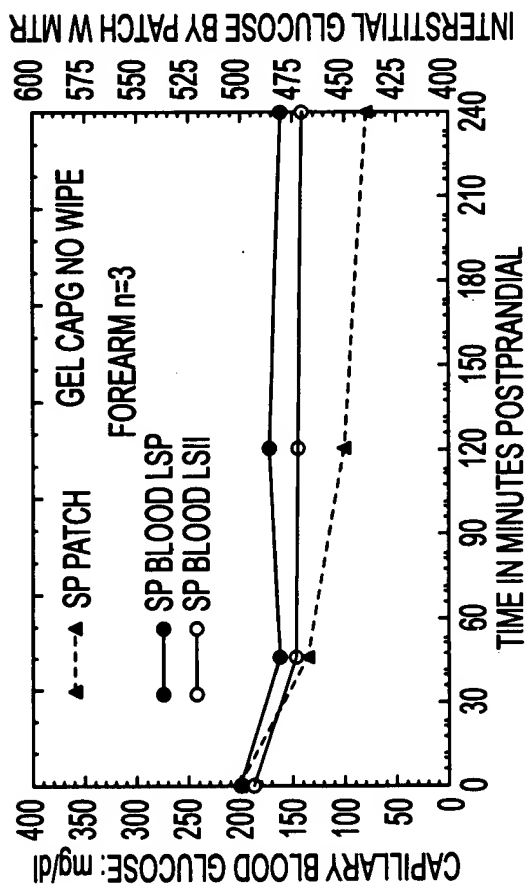


FIG. 36

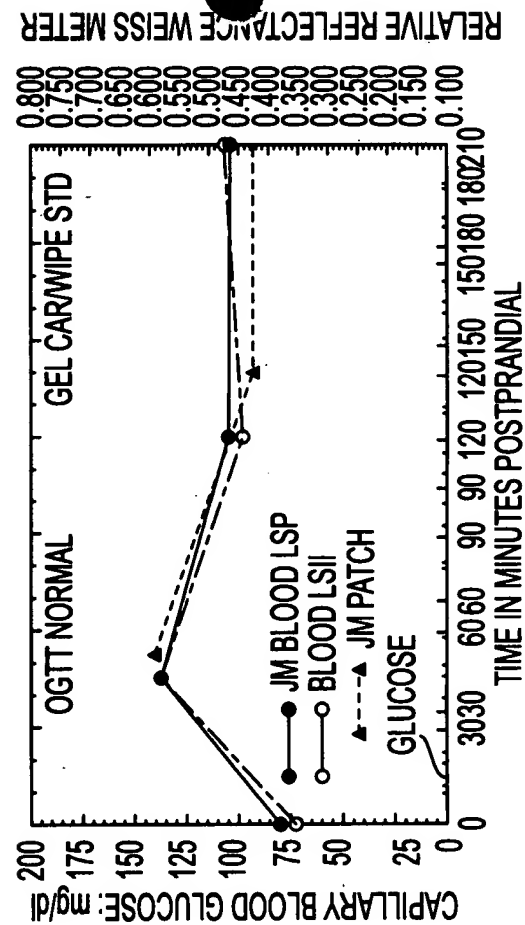


FIG. 37

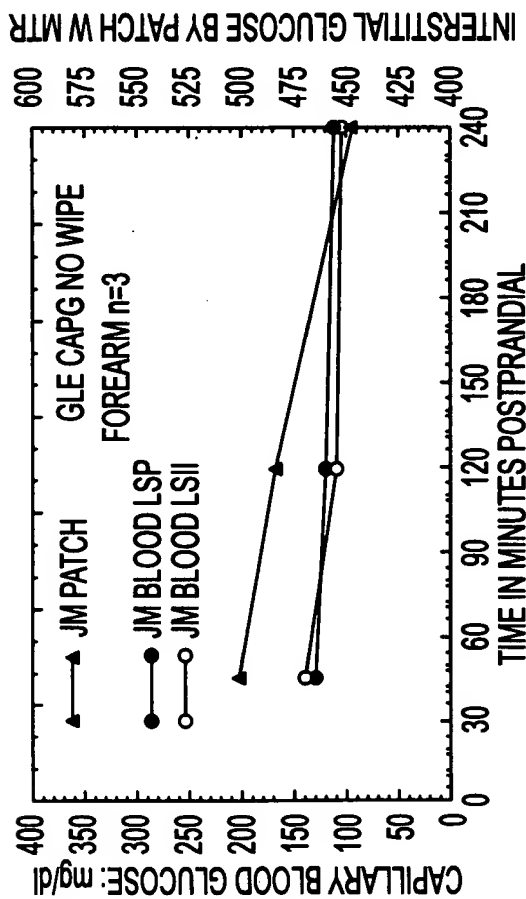


FIG. 38

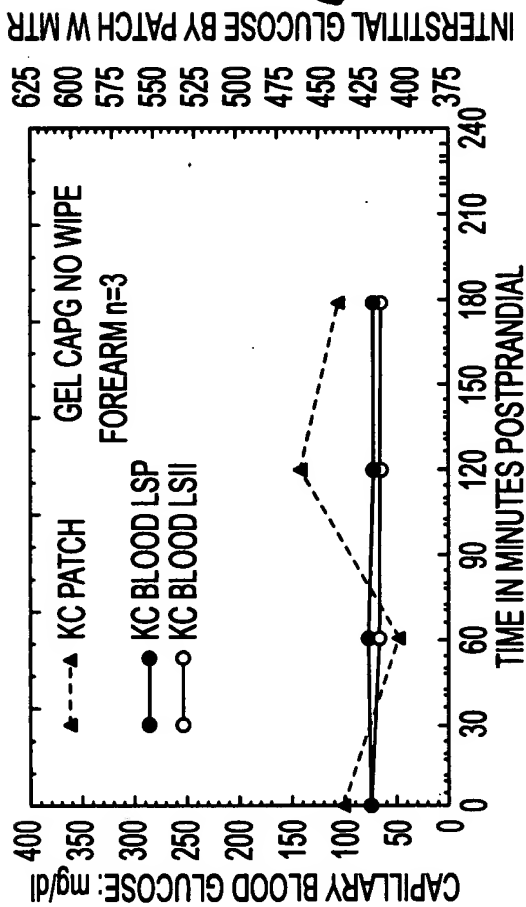


FIG. 39

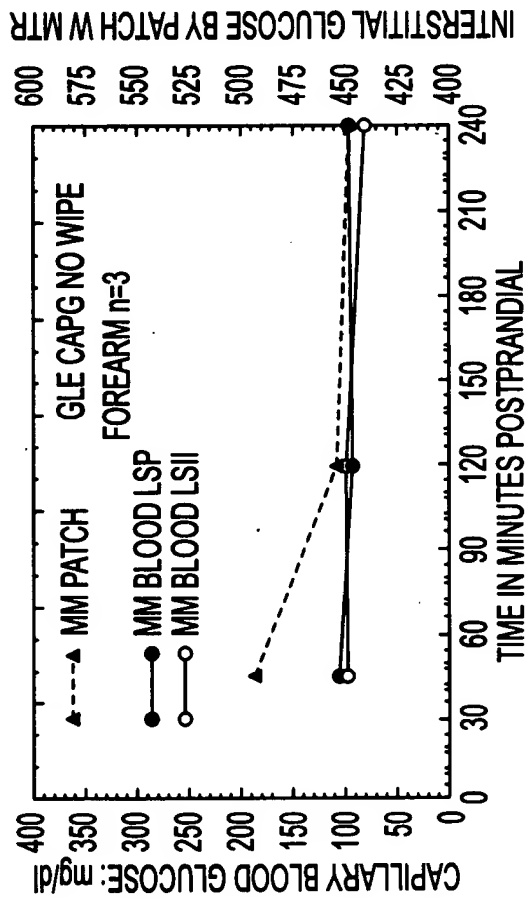


FIG. 40

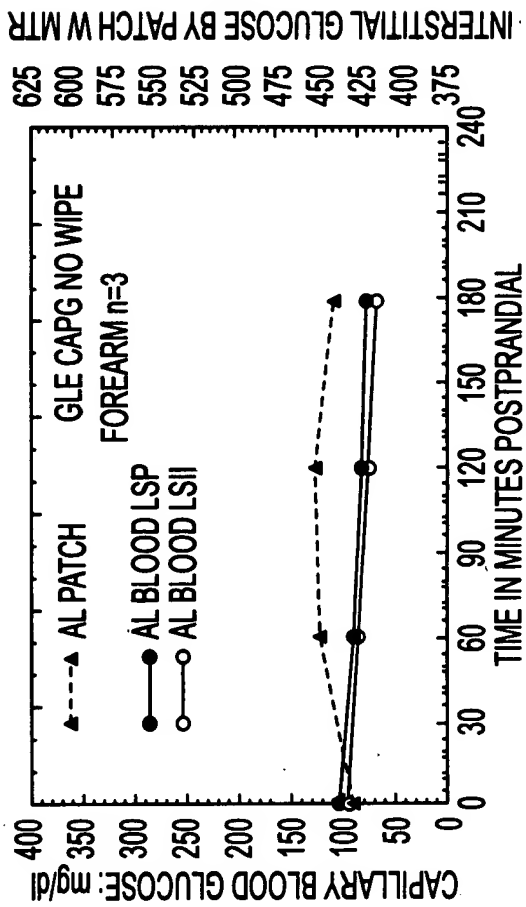


FIG. 41

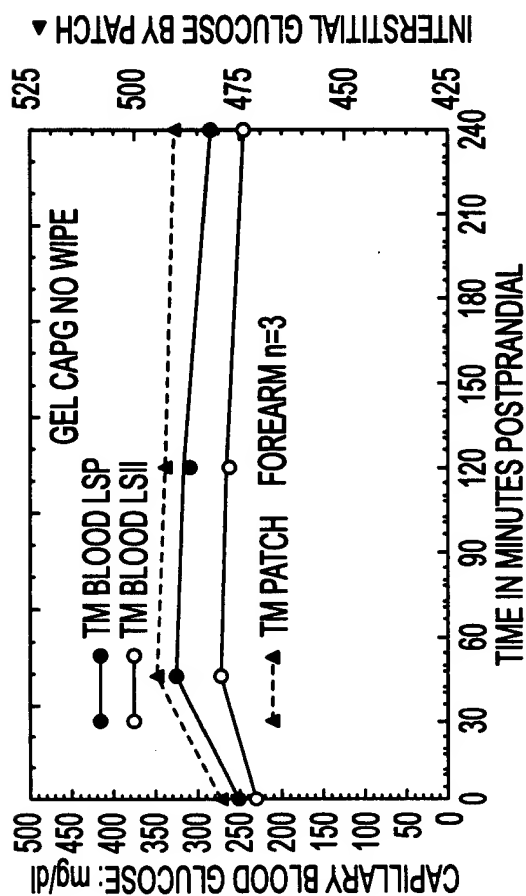


FIG. 42

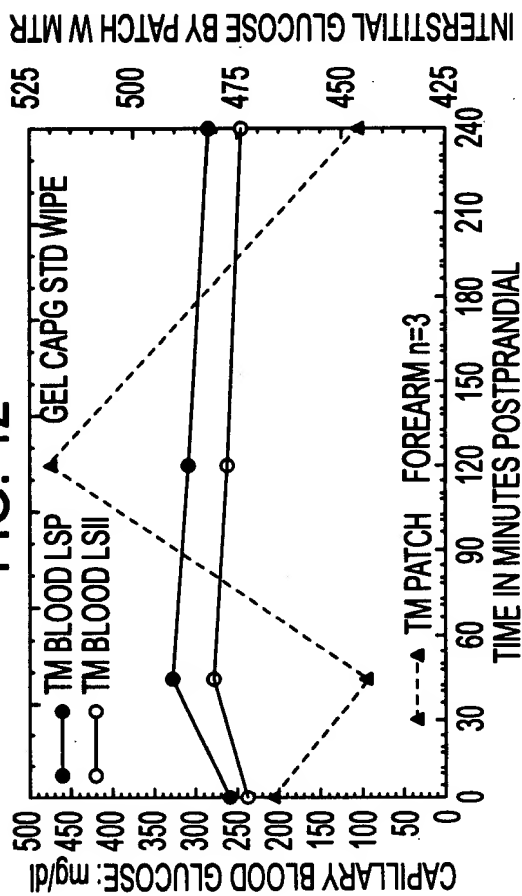


FIG. 44

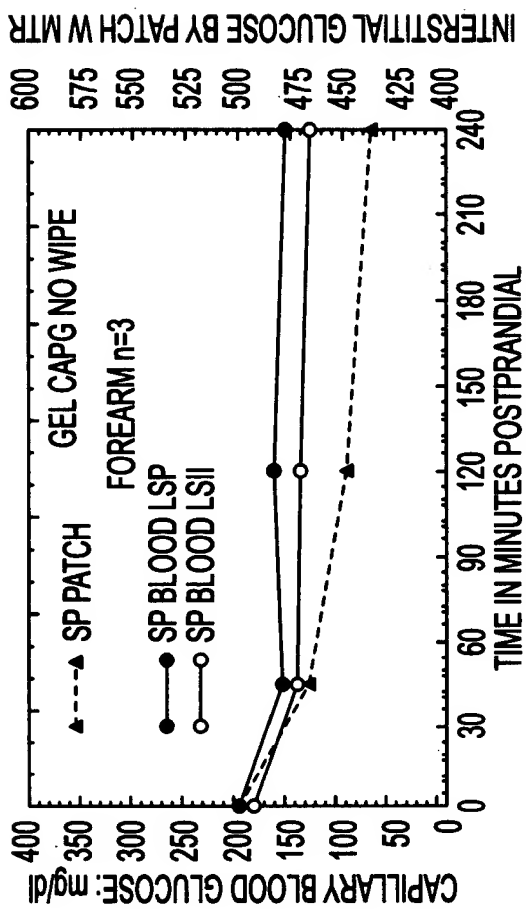


FIG. 43

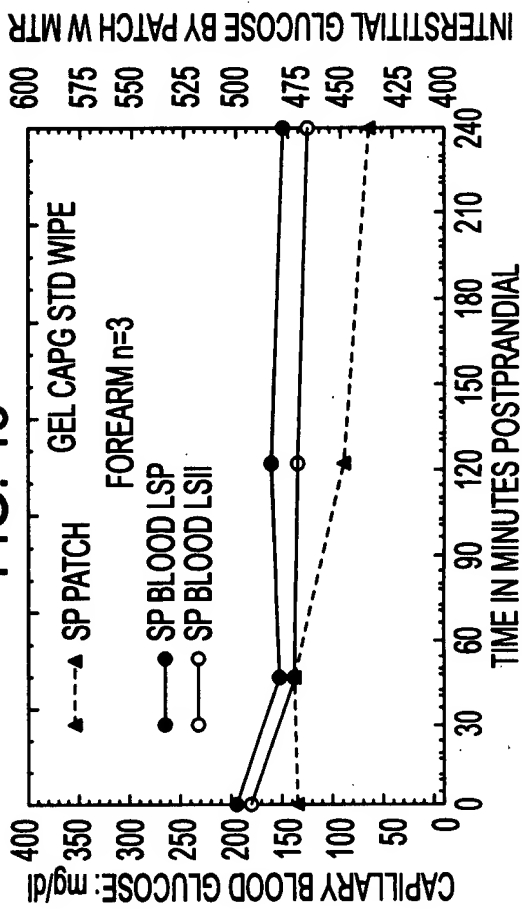
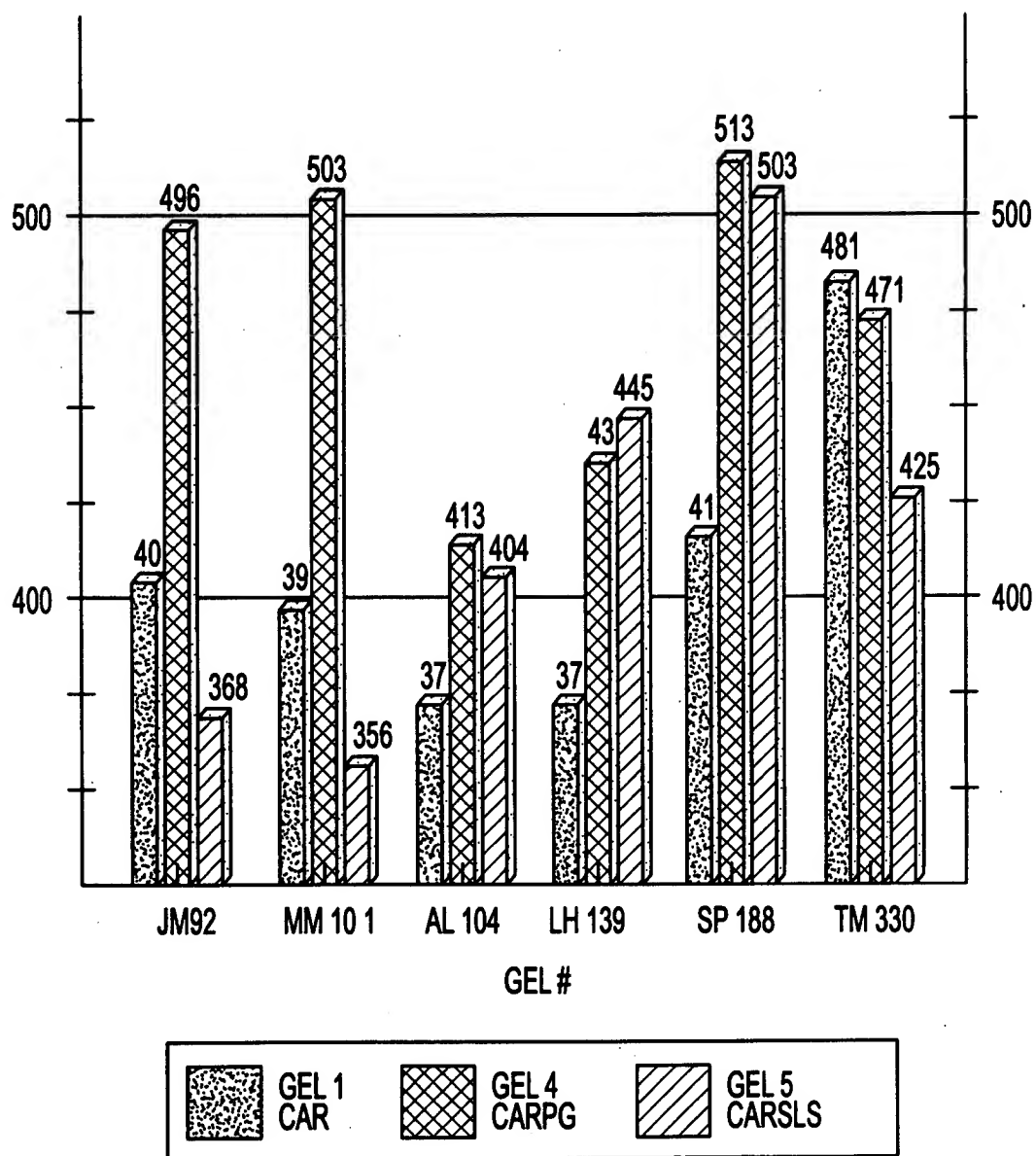
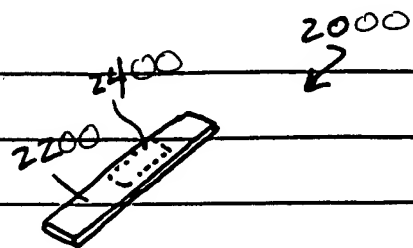


FIG. 45



FIVE MINUTES SKIN CONTACT TIME

FIG. 46



47

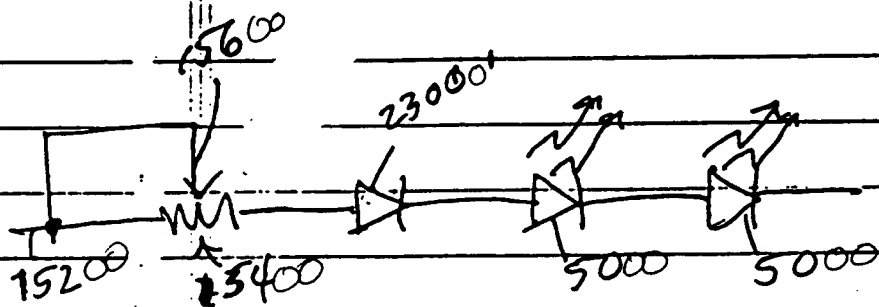
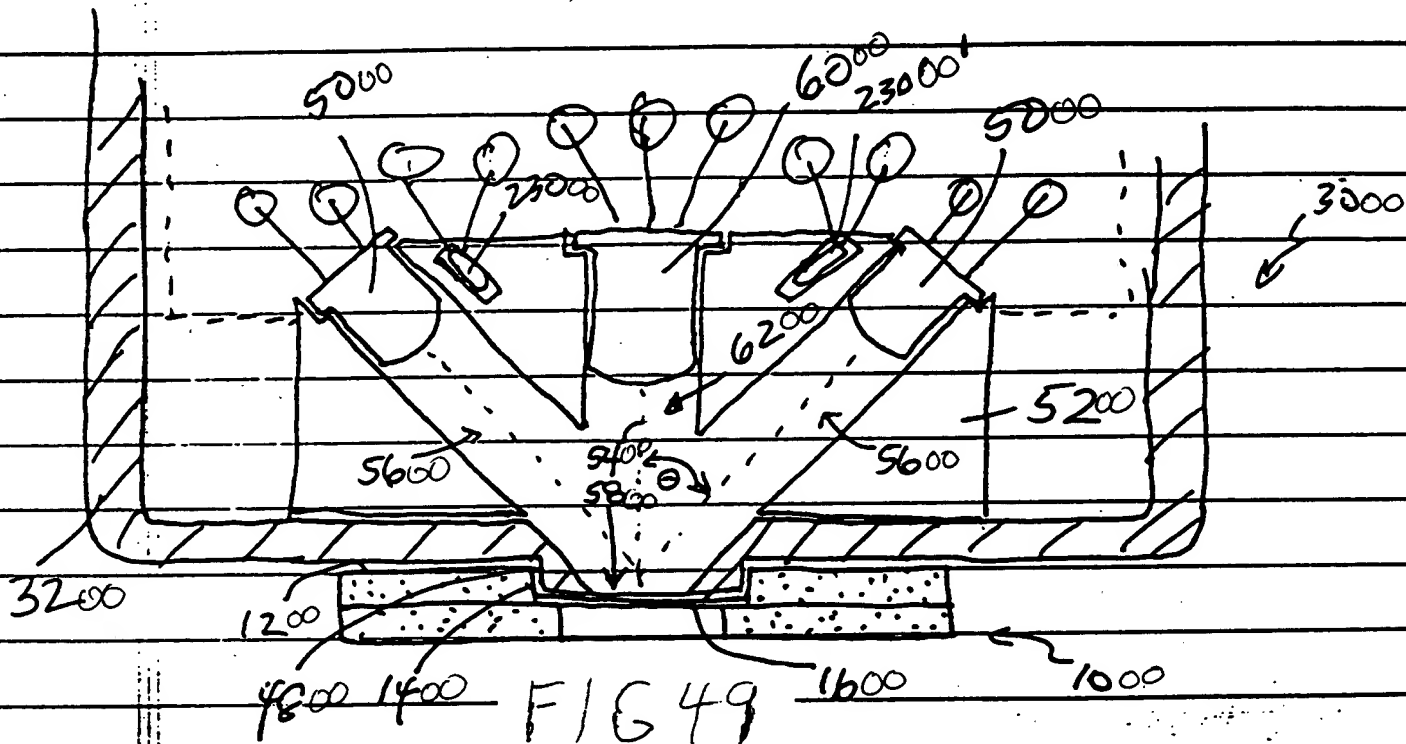
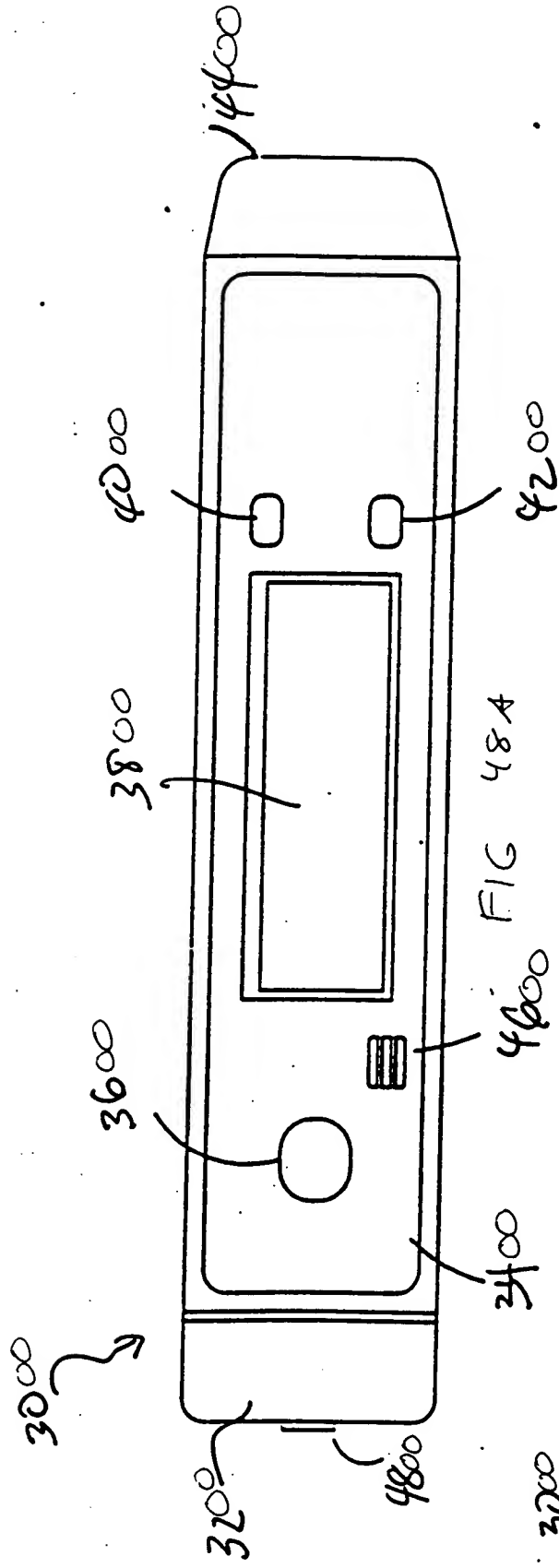


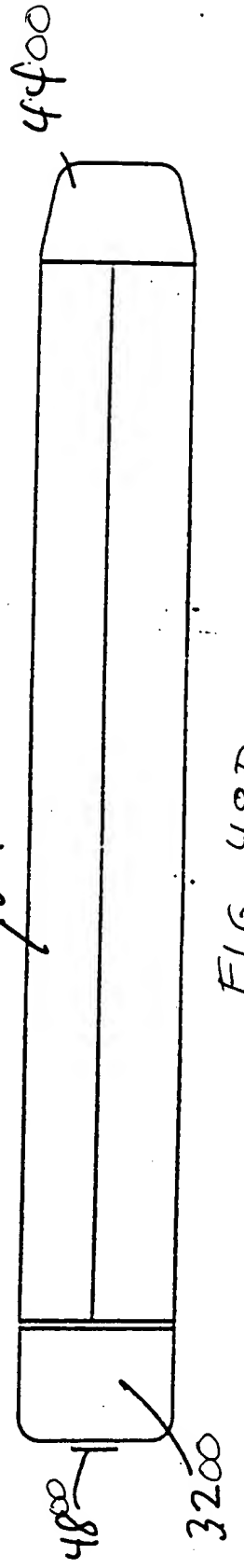
FIG 55A

FIG 48



34

300



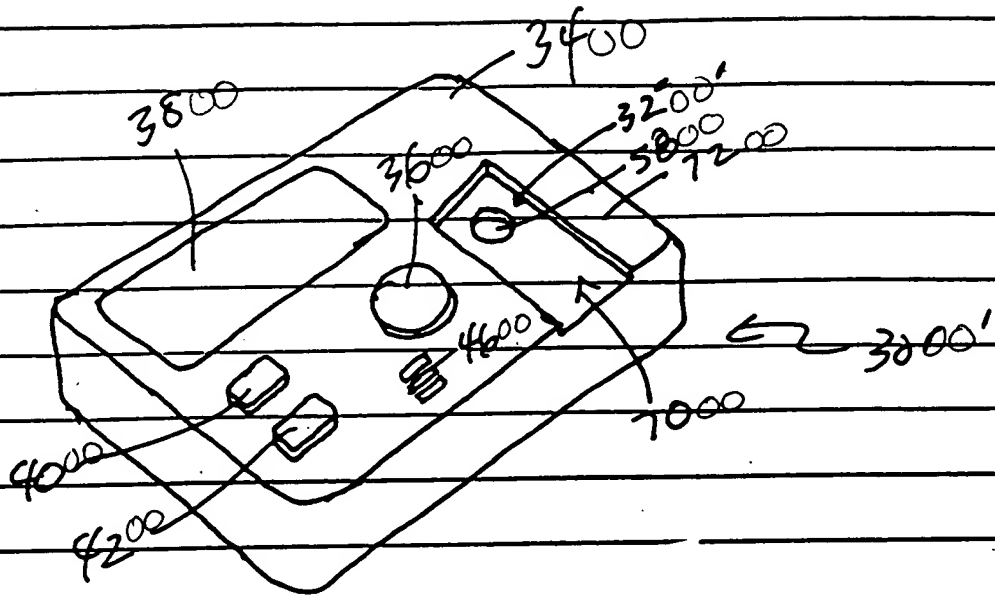


FIG 50

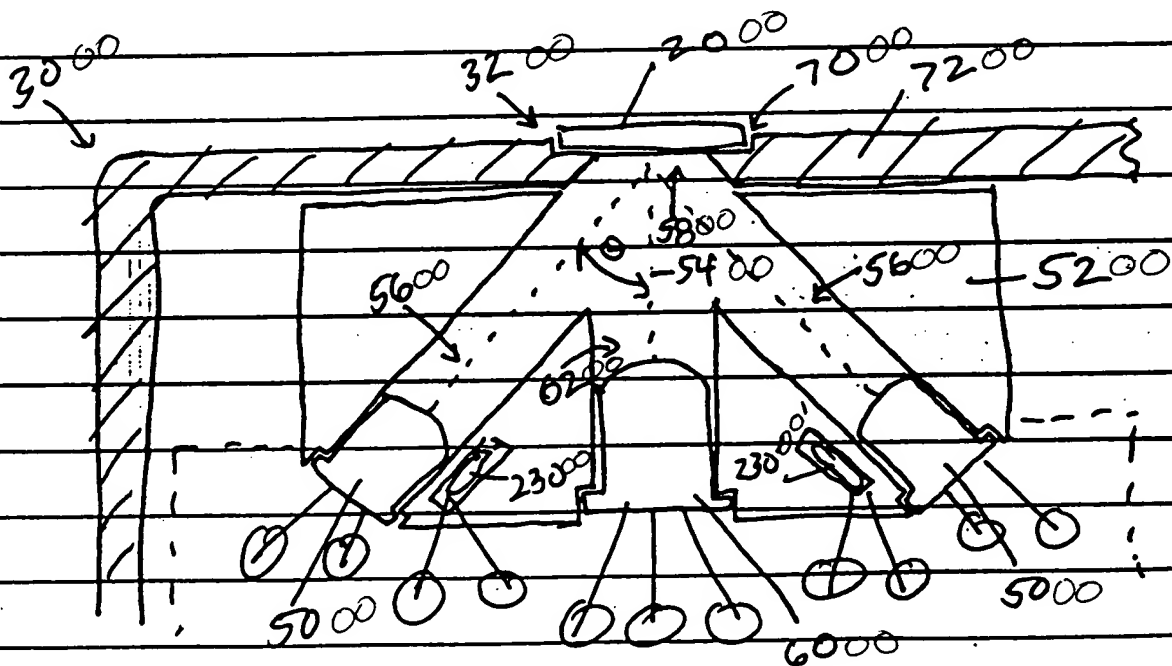


FIG 51

FIG 52A

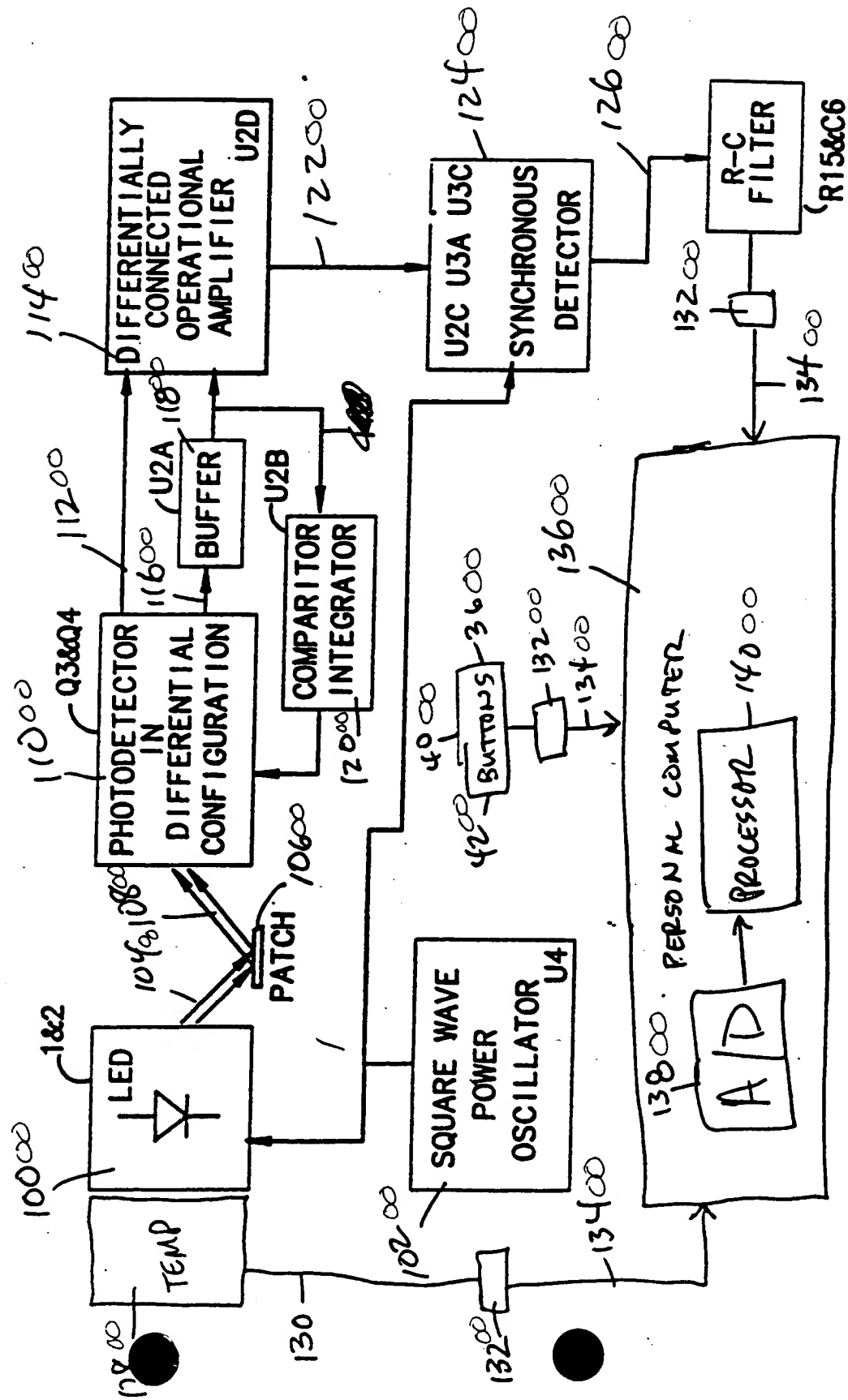
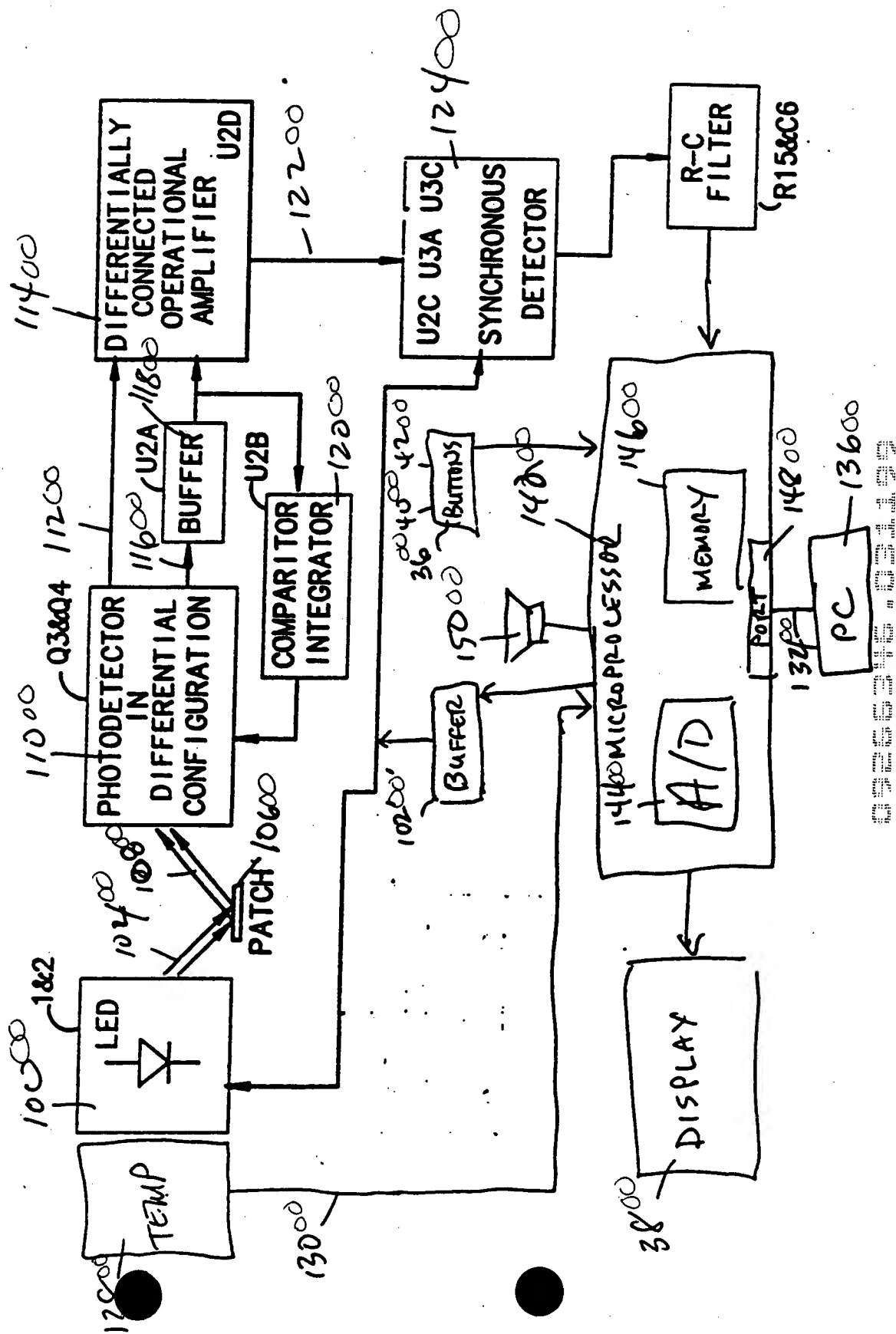
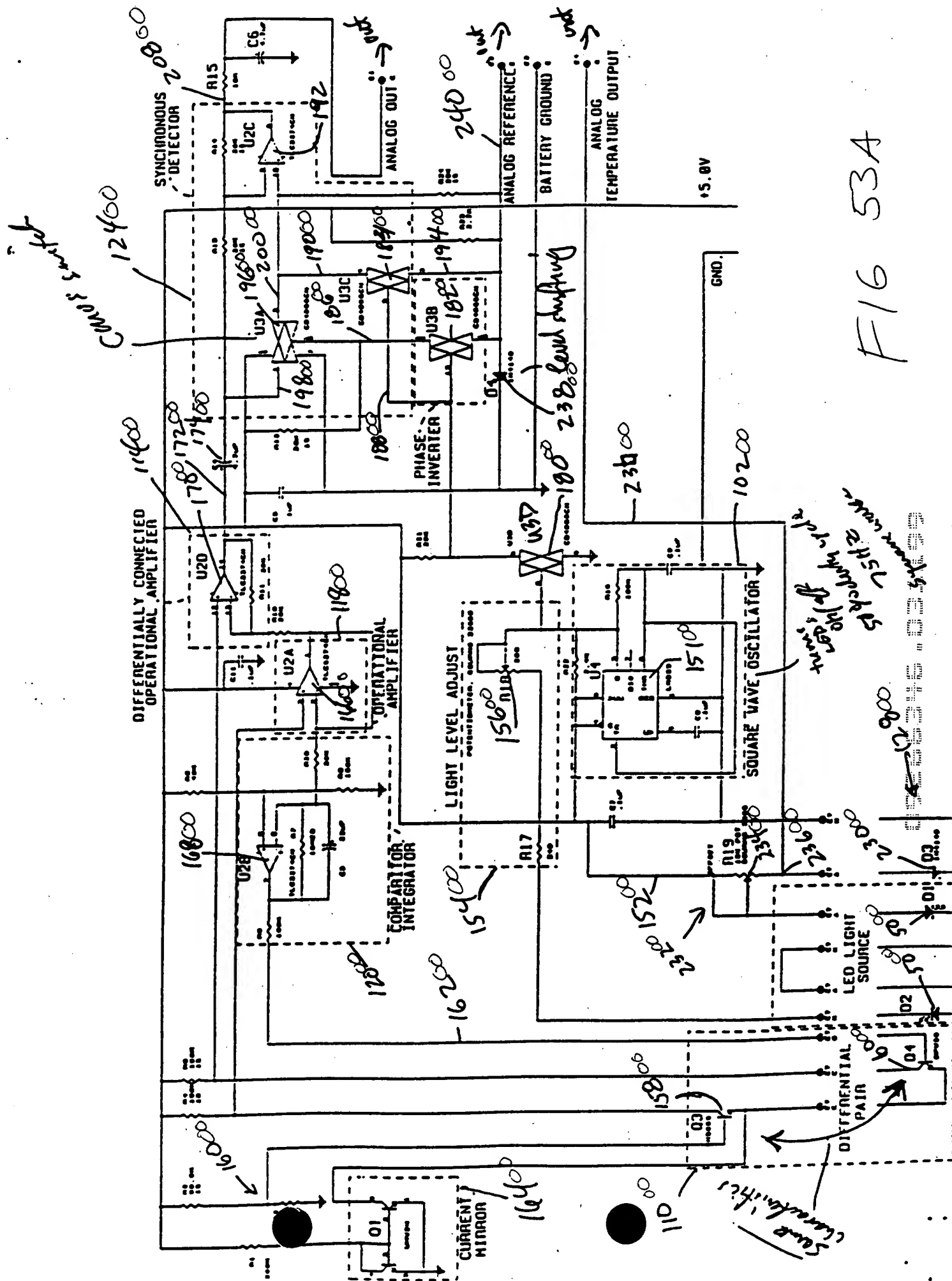


FIG 52B





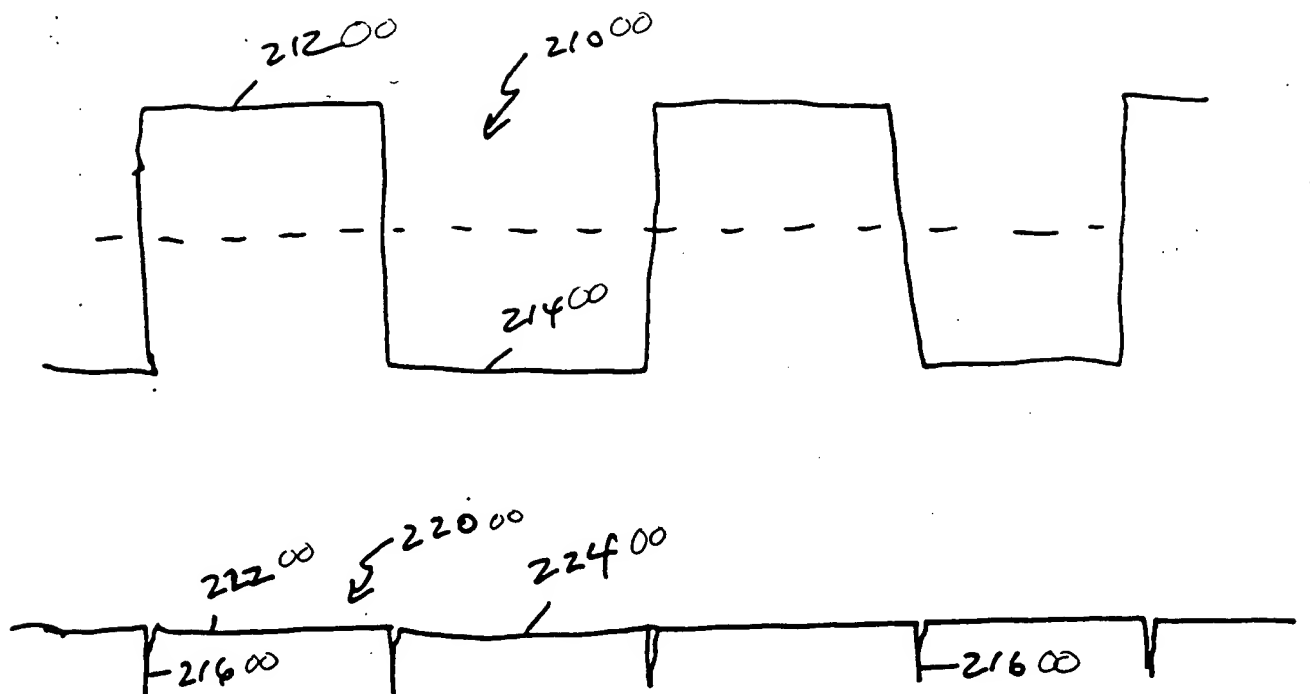


FIG 54B

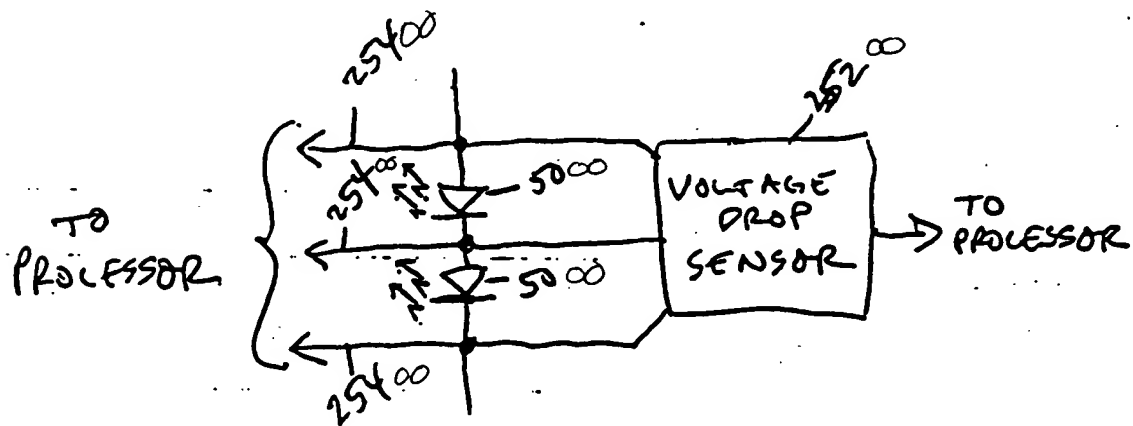


FIG 55B

MV	mg/dL
400	625
450	575
500	475
550	300
600	230
650	180
700	140
750	105
800	75
850	55

FIG 57

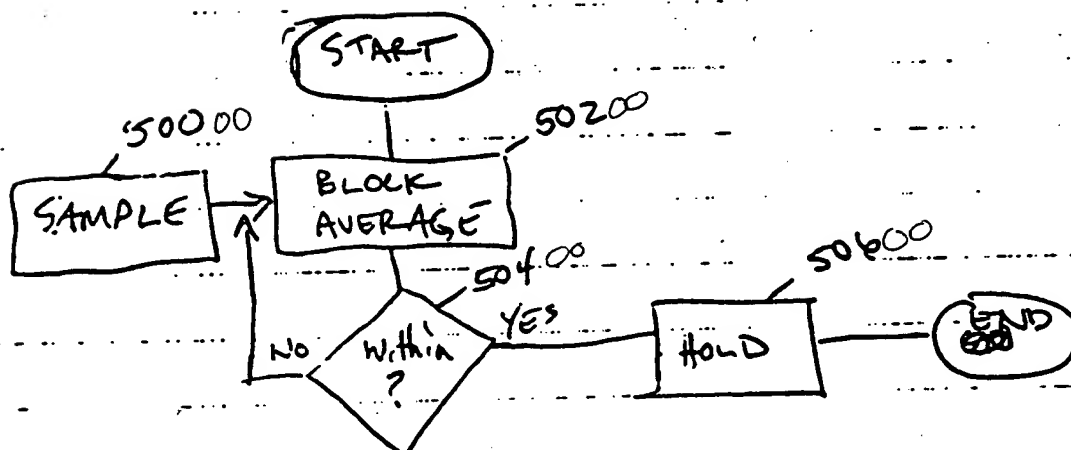


FIG 59

FIG. 58A

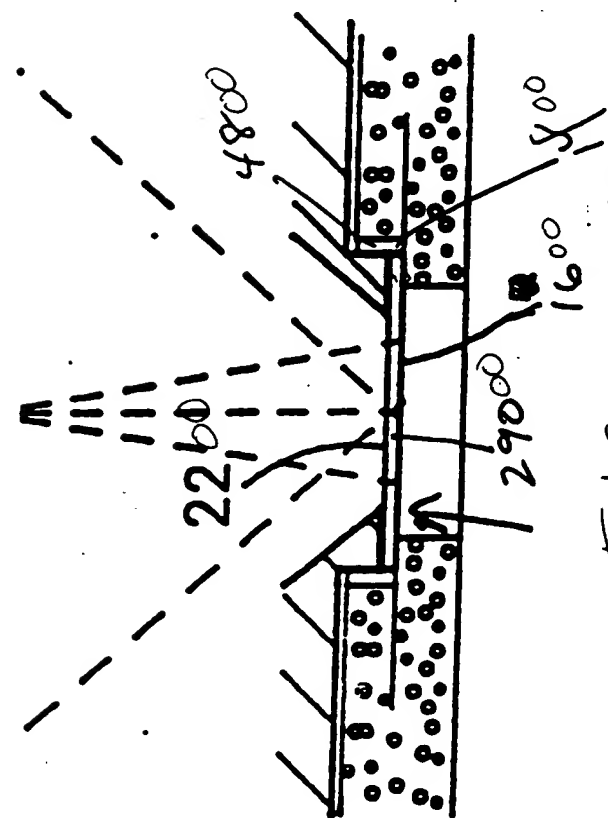


FIG 58B

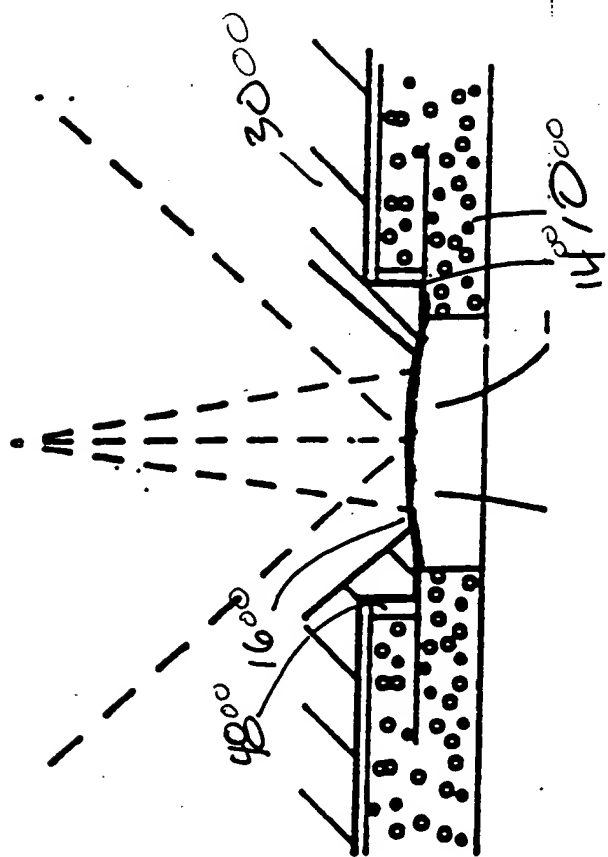


FIG 58A

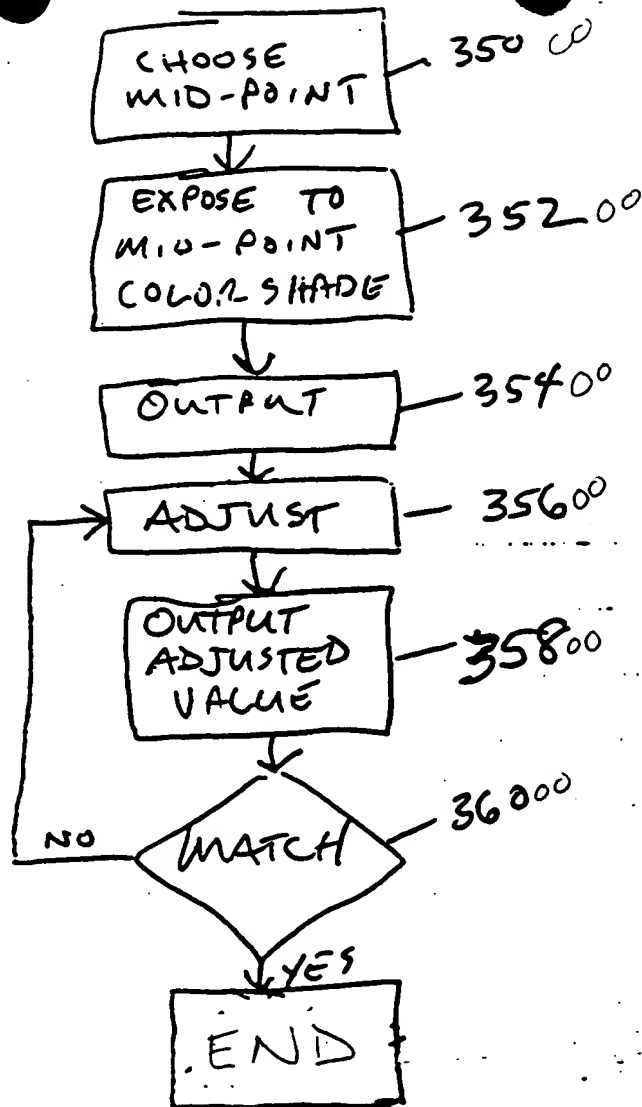


FIG 60

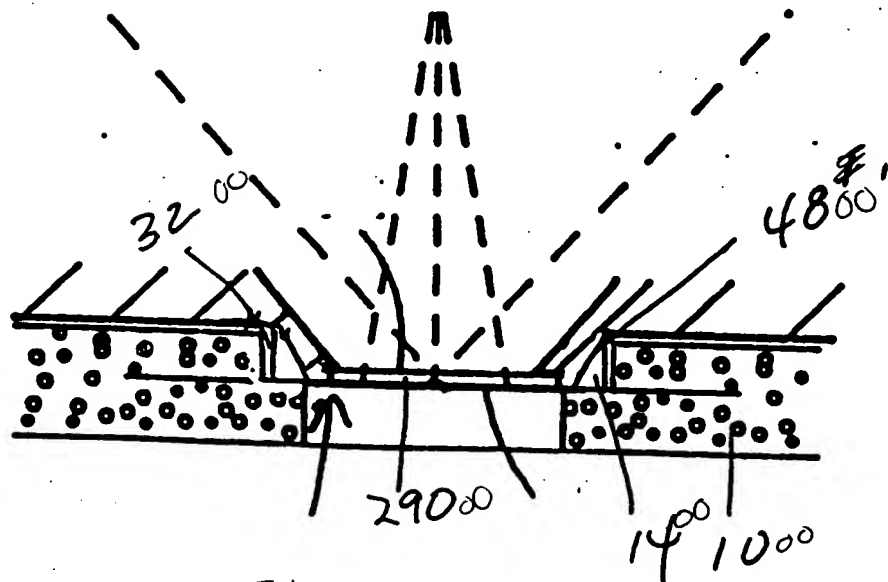


FIG 58C

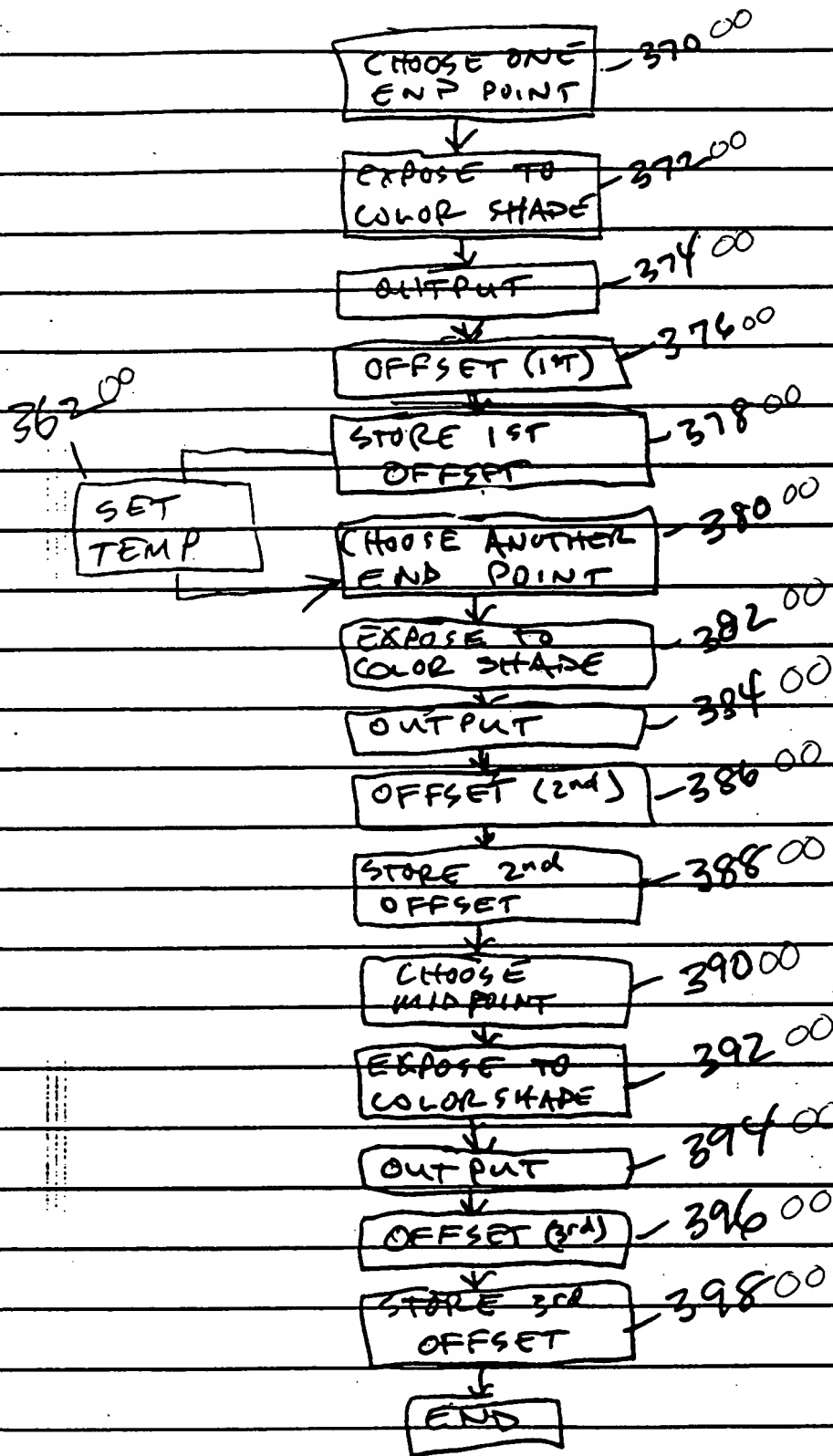


FIG 61

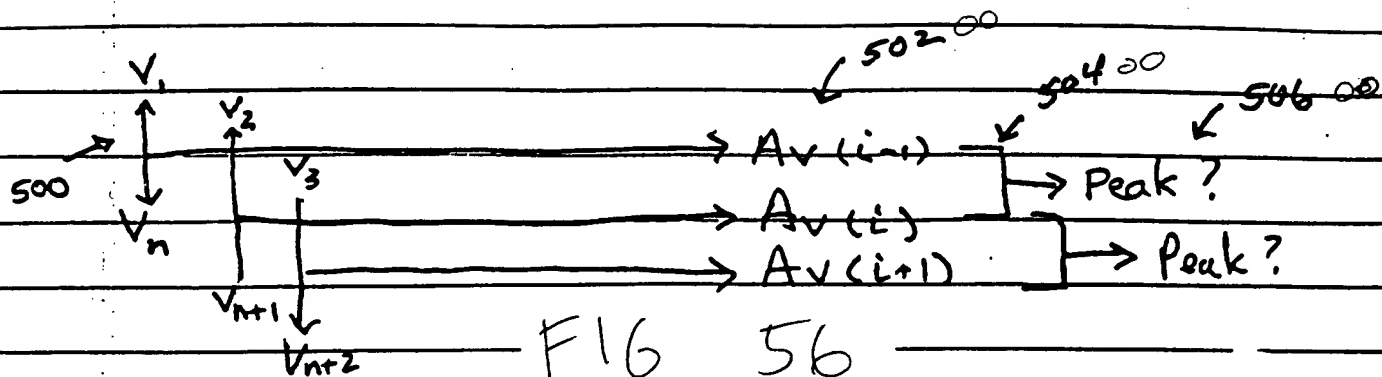


FIG 56

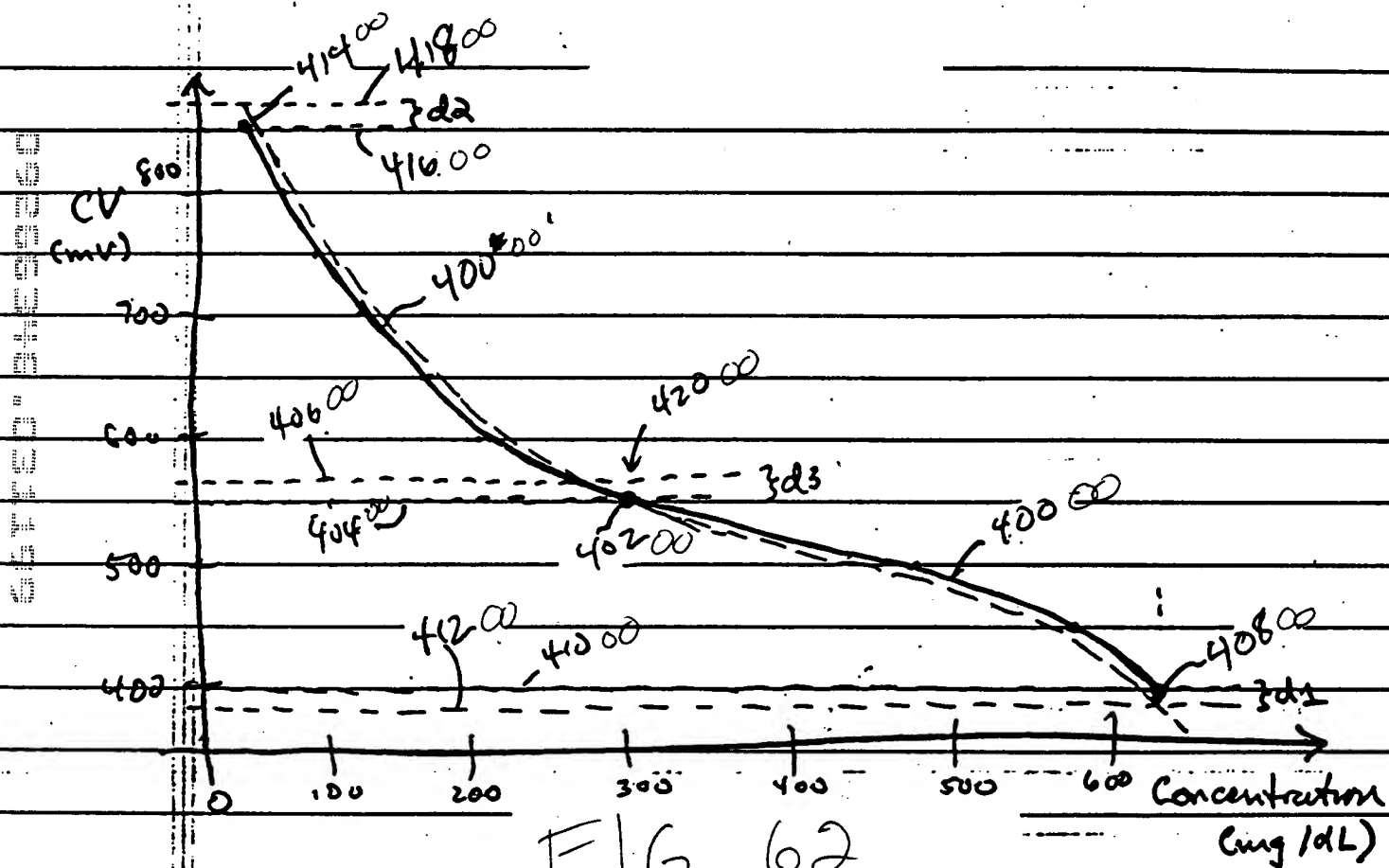


FIG 62

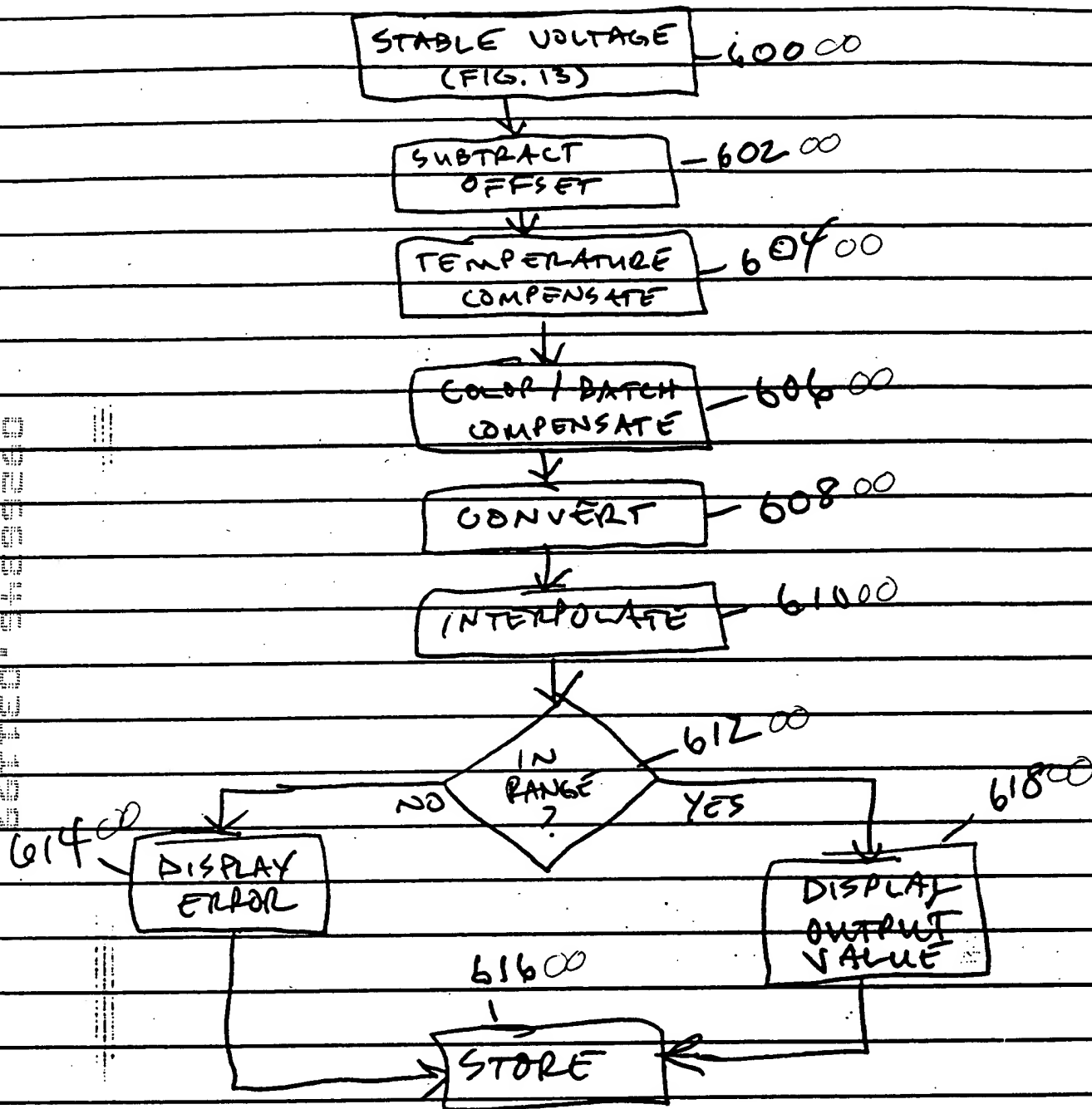


FIG 63